ANNUAL SUMMARY OF THE COMMERCIAL SALMON FISHERY AND A REPORT ON SALMON SUBSISTENCE AND PERSONAL USE FISHERIES FOR THE ALASKA PENINSULA AND ALEUTIAN ISLANDS MANAGEMENT AREAS, 1994

By

James N. McCullough
Arnold R. Shaul
and
Robert L. Murphy

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AUTHORS

James N. McCullough is the Alaska Peninsula and Aleutian Islands Management Areas Herring Biologist and Alaska Peninsula-Southeastern District Salmon Management Biologist for Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, Alaska, 99615.

Arnold R. Shaul is the Alaska Peninsula and Aleutian Islands Management Areas Salmon Management Biologist for Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, Alaska, 99615.

Robert L. Murphy is the Alaska Peninsula Salmon Research Biologist and the North Alaska Peninsula Herendeen Bay to Strogonof Point Salmon Management Biologist for Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, Alaska, 99615.

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Summary

The Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas are collectively referred to as Management Areas M & F and are divided into four subareas: (1) the North Peninsula, consisting of Bering Sea waters extending west from Cape Menshikof to Cape Sarichef on Unimak Island; (2) the South Peninsula, consisting of Pacific Ocean coastal waters extending west of Kupreanof Point to Scotch Cap on Unimak Island; (3) the Aleutian Islands, consisting of the Bering Sea and Pacific Ocean waters of the Aleutian Islands west of Unimak Island and exclusive of the Atka-Amlia Management Area; and (4) the Atka-Amlia Management Area, consisting of Bering Sea and Pacific Ocean waters extending west of Seguam Pass (172°50' W. long.) and east of Atka Pass (175°23' W. long.), also known as Area F (Figures 1-5; Appendix A). Five species of Pacific salmon are harvested in the Alaska Peninsula Management Area: chinook salmon *Oncorhynchus tshawytscha*, sockeye salmon *O. nerka*, chum salmon *O. keta*, pink salmon *O. gorbuscha*, and coho salmon *O. kisutch.*

The Alaska Department of Fish and Game (ADF&G) Dutch Harbor office assists with the Aleutian Islands Management Area salmon responsibilities and a seasonal office in the village of Atka has the Atka-Amlia responsibilities. There are three ADF&G offices in the Alaska Peninsula Management Area: Sand Point, Cold Bay, and Port Moller. In 1990, Sand Point staff assumed responsibility for managing salmon in the Southeastern District. In 1992, Port Moller staff assumed responsibility for managing salmon in the Herendeen-Moller Bay, Bear River, Three Hills, and Ilnik Sections. The balance of the Alaska Peninsula and Aleutian Islands Management Areas salmon fisheries are managed by staff from Cold Bay. Port Moller staff also serve as the Alaska Peninsula salmon research center.

In 1994, as an aid in producing the annual salmon report the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas were divided into four regions of reporting responsibility. This report (RIR 4K95-31) will serve as the salmon subsistence and personnel use report for the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas and a summary of commercial catches and escapements for the following reports: 1) North Alaska Peninsula Commercial Salmon Annual Management Report, 1994 by Robert Murphy, Arnie Shaul, and Robert Berceli (RIR 4K95-30), 2) South Alaska Peninsula Commercial Salmon Annual Management Report, 1994 by James McCullough, Arnie Shaul, Robert Campbell, and Robert Berceli (*In press*), and 3) Aleutian Islands Management Area Annual Salmon Management

Report, 1994 by Arnie Shaul and Robert Berceli (RIR 4K95-16). Appendices of this report contain a listing of salmon regulations (Appendix A), methodology for determining the indexed escapement (Appendix B), personnel list (Appendix C), and a distribution list (Appendix D). A separate report (*In press*) by Patti Nelson will provide estimated catch and escapement age, sex, and length data.

For those with statistical maps or electronic database of the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas a list of statistical numbers that apply to the 1970-94 fisheries are in Table 1.

In addition to CFEC Area M purse seine, drift gillnet, and set gillnet permit holders fishing the waters of the Alaska Peninsula and Aleutian Islands, CFEC Area F (Atka-Amlia) set gillnet fishers and CFEC Area T (Bristol Bay) drift gillnet and set gillnet fishers may operate during specific times and in specific places within Area M (Appendix A).

The Alaska Board of Fisheries (BOF), during the November 1991 meeting, created an experimental open-to-entry set gillnet salmon fishery around Atka and Amlia Islands. In addition to the set gillnet gear, fishers with CFEC Area M purse seine permits may seine for salmon in the Atka-Amlia Islands Area.

During January through June, Area T salmon fishers are allowed to operate during the open season in the Inner Port Heiden and Cinder River Sections. During August through December Area T fishermen may commercially fish in the Inner Port Heiden and Cinder River Sections, and Ilnik Lagoon area.

Salmon fisheries in the Alaska Peninsula Management Area date back to at least 1888 when canneries were reportedly constructed in the South Peninsula at Orzinski (Orzenoi) Bay and Thin Point Cove. However, the earliest catch records for the Alaska Peninsula Area date back to 1906 (Table 2). The first recorded Aleutian Islands Management Area commercial salmon catches were in 1911. Early catches in the Alaska Peninsula were predominantly sockeye salmon with a few chinook and coho salmon. The first year in which pink and chum salmon catches exceeded 500,000 each was 1916.

The South Peninsula interception fisheries include the South Unimak (False Pass) June fishery, the Shumagin Islands June fishery, the Southeastern District Mainland (Balboa-Stepovak or Stepovak) fishery, and early through mid-July South Peninsula cape fisheries (Eggers et al. 1991, McCullough 1990). Interception of Bristol Bay destined sockeye salmon occurs by North

Peninsula fishermen between Cape Seniavin and Strogonof Point (Geiger 1989, Swanton and Murphy 1990).

The 1974-93 average salmon harvest in the Alaska Peninsula and Aleutian Islands Management Areas was 11,289,564 salmon comprised of 22,751 chinook, 3,581,307 sockeye, 357,041 coho, 5,855,597 pink, and 1,472,868 chum salmon (Table 2). The 1984-93 average is higher for each species; the harvest of all salmon was 14,250,811 salmon comprised of 25,435 chinook, 4,671,858 sockeye, 501,312 coho, 7,276,361 pink, and 1,775,845 chum salmon. The 1992-93 average salmon harvest in the Atka-Amlia Management Area was 4,645 salmon comprised of 128 sockeye, 23 coho, 4,059 pink, and 436 chum salmon. In 1994, the combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management harvest of chinook salmon was the eleventh largest on record and above both the ten and twenty year average (Figure 6; Table 2), the sockeye harvest was the fourth largest and above both the ten and twenty year average (Figure 7; Table 2), the coho harvest was the seventh largest on record and was slightly below the ten year average and above the twenty year average (Figure 8; Table 2), the pink harvest was the fifth largest and well above both the ten and twenty year harvest (Figure 9; Table 2), and the chum salmon harvest was the nineth largest on record and well above both the ten and twenty year harvest (Figure 10; Table 2).

In 1994, the salmon harvest in the Alaska Peninsula and Aleutian Islands Areas was 17,927,424 salmon comprised of 28,648 chinook, 4,860,205 sockeye, 497,160 coho, 10,264,922 pink, and 2,276,489 chum salmon (Table 2). The catch of chinook, sockeye, pink, and chum salmon was above the ten year average while the catch of coho salmon was below average. Most of the chinook (18,629), sockeye (2,718,035), and coho (223,924) salmon were harvested in the Northern District while most of the pink (4,008,831), and chum (962,369) salmon were caught in the Southwestern District (Table 3).

In 1994, 16 companies purchased salmon in the Alaska Peninsula and Aleutian Islands Management Areas (Table 4). The 1994 estimated value of the salmon harvest was about $38,674,765 (exvessel price; Table 5). The South Unimak and Shumagin Islands June fisheries were worth about $8,054,670 or 40.3% of the entire South Peninsula exvessel earnings of $19,965,400. North Peninsula fisheries contributed $18,228,040 or 47.1% of the total Alaska Peninsula and Aleutian Islands exvessel earnings, while the Aleutian Islands fishery contributed $481,325 or 1.2%.

In the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas, purse seine fishers harvested most of the pink and chum salmon, and drift gillnet fishers harvested most of the

chinook, sockeye, and coho salmon (Table 6). Area M CFEC permit holders received most of the value from the fisheries ($37,928,995 or 98.1% of the exvessel value; Table 7). Most of the salmon harvested by Area T (Bristol Bay) CFEC permit holders were coho salmon (115,262). Area F (Atka-Amlia) CFEC permit holders caught few salmon, all of which were used locally as food and bait (RIR 4K95-16).

In 1994, nearly all available Area M CFEC limited entry permits were used (Table 8). Area M purse seine permits total 125, and 118 permit holders made at least one delivery during the year. All 164 Area M drift gillnet permit holders and an additional 77 Area T drift gillnet fishers made at least one delivery during the year. Area M set gillnet permits total 114, and 108 permit holders and an additional nine Area T set gillnet permits were used at least once in the Alaska Peninsula. The most notable change in the level of effort was an increase in the number of Area T drift gillnet fishers from the 1993 level. Trends in the level of effort can be tracked; for example nearly all purse seine effort during June is found in the South Unimak and Shumagin Islands fisheries, and the effort has increased from the low of 86 permit holders in 1987 to a high of 116 permit holders in 1993 (Table 9).

There are about 582 salmon systems within the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas (Murphy 1992). The South Peninsula has 185 salmon systems with sockeye salmon found in 23, pink salmon 110, chum salmon 72, and coho salmon in 57 systems, while the North Peninsula has 62 systems with chinook salmon present in 10 systems, sockeye salmon in 32, pink salmon in 11, chum salmon in 38, and coho salmon in 13 (Murphy 1992). In the Aleutian Islands and Atka-Amlia Management Areas, there are at least 335 systems with sockeye salmon present in 45, pink salmon in 319, chum salmon in 11, and coho salmon in 35 (Murphy 1992).

Most salmon escapement estimates are derived from aerial surveys; only a few sockeye systems are weired. Currently, six weirs operate in the Alaska Peninsula Management Area; Ilnik, Sandy, Bear, Nelson, Thin Point Cove, and Orzinski Rivers. Orzinski (Orzenoi) and Ilnik have operated since 1990. Orzinski was weired during 1929-41 and 1990-94. Due to the importance of Orzinski sockeye in determining fishing time for the Northwest Stepovak Section, the amount of attention this area receives in regards to potential Chignik sockeye interception, and the difficulties involved with estimating fish from the air, it was decided to reinstall a weir in 1990. Orzinski is an easy system to weir. Unfortunately, the 450 foot long weir at Ilnik Lagoon (the longest weir in Alaska) is extremely difficult to install and maintain. It was decided to weir Ilnik due to the often poor conditions for estimating salmon from the air, and the importance of this system in determining fishing time for both the Ilnik Lagoon fishery (predominantly set gillnet

gear) and a large drift gillnet fleet fishing outside the lagoon in the Ilnik Section. Unfortunately, there were too many problems in securing a fish tight weir in 1990 to obtain good escapement data. In 1991, the weir was modified, and during 1991-1994 escapement counts and samples were successfully obtained. Weirs on Bear and Nelson Rivers have been used since the mid-1980's. In 1994, Thin Point Cove and Sandy River were successfully weired for the first time, and a weir was attempted but failed in Middle Lagoon in Morzhovoi Bay.

Escapement estimates using an indexed count (Table 10; Appendix B) are presented. The indexed escapement method is used on non-weired systems where aerial surveys are used to estimate escapements. This method is used inseason and for historical trends. Escapement data is mostly limited to Alaska Peninsula chinook, sockeye, pink, and chum salmon. Most escapement estimates in the text are indexed totals except Bear River and Nelson River sockeye salmon 1962-94, Nelson River chinook and chum salmon 1962-85, Orzinski sockeye salmon 1990-94, Ilnik sockeye salmon 1991-94, and Sandy River and Thin Point Cove sockeye salmon 1994, which are tower or weir counts. The indexed totals as calculated are likely lower than the actual totals. Consequently there will be differences after 1984 between figures used in area management reports and those in formally published reports (technical data reports, bulletins, etc.) which use different expansion factors.

The 1974-93 average indexed salmon escapement in the Alaska Peninsula Management Area was 3,980,451 salmon comprised of 11,182 chinook, 930,349 sockeye, 2,159,599 pink, and 845,821 chum salmon (Table 10). The 1984-93 average is similar to the twenty year (1974-93) average, the ten year indexed salmon escapement was 4,316,061 salmon comprised of 10,435 chinook, 927,199 sockeye, 2,429,887 pink, and 881,541 chum salmon. In 1994, the Alaska Peninsula indexed escapement of chinook salmon was the largest recorded (38,400 salmon), more than twice the upper indexed escapement goal of 17,400 (Figure 11); the sockeye escapement was well above the upper goal of 805,600 salmon (Figure 12); the pink indexed escapement was above the average even year escapement goal (Figure 13); and the chum salmon indexed escapement was near the average escapement goal (Figure 14).

Subsistence And Personal Use Fisheries

The Alaska Peninsula and Aleutian Islands communities of Sand Point, King Cove, False Pass, Nelson Lagoon, Port Heiden, Akutan, Unalaska, Nikolski, and Adak rely on local resources for subsistence. Salmon subsistence permits are issued to people in these areas through the Sand Point, King Cove, Cold Bay, Port Moller, and Dutch Harbor offices. Information from returned

permits are used to extrapolate catches for all permits issued. There are undoubtedly many fish kept from commercial catches that are not reported on fish tickets nor on subsistence permits. There is no expansion of fish tickets or the returned permits to account for these salmon. Permits are not required to subsistence fish in the Akutan and Umnak Districts; consequently no catch estimates are made for those districts. Subsistence salmon fishing is not allowed in the Adak District. However, a personal use salmon fishery is allowed on Adak and Kagalaska Islands for Alaska residents.

In 1994, a total of 256 subsistence permits were issued in the Alaska Peninsula and 150 permits in the Unalaska-Aleutian Islands area; no personal use permits were issued to people from Adak Island (Tables 11, 12, and 13). In 1994, 83.2% of the Alaska Peninsula and 80.0% of the Unalaska-Aleutian Islands subsistence permits were returned (Table 12).

In 1994, the Alaska Peninsula subsistence harvest was an estimated 25,256 salmon comprised of 674 chinook, 11,884 sockeye, 6,086 coho, 2,206 pink, and 4,406 chum salmon (Table 11). The Alaska Peninsula catch of all species was above the nine year average. The Unalaska-Aleutian Islands subsistence harvest was 4,635 salmon comprised of 1 chinook, 2,759 sockeye, 774 coho, 1,053 pink, and 48 chum salmon. The Unalaska-Aleutian catch of sockeye and coho were above the nine year average, and the catch of chinook, pink, and chum salmon were below average.

The subsistence salmon harvest in the Alaska Peninsula and Unalaska Island communities continues to gradually increase (Table 11). Alaska Peninsula data collected since 1985, indicates that the 1985-93 average catch of 16,787 salmon is mostly sockeye (8,252) and coho (4,834) salmon. In 1994, only during one year were more permits issued in the Alaska Peninsula (1993). More permits were issued (150) during 1994 in the Unalaska-Aleutian Islands area than during any prior year. The Unalaska-Aleutian data indicates that the 1985-93 average catch of 4,103 salmon is mostly sockeye (1,860) and pink (1,586) salmon. In 1994, the average King Cove subsistence permit holder caught more salmon (153) than permit holders from other communities, the harvest in the Cold Bay and Unalaska Island areas per permit holder is the lowest (38 salmon; Table 14). In most communities; permit holders mainly harvested sockeye salmon, but in King Cove coho salmon produced the bulk of the harvest (Table 15).

The Mortensen's Lagoon subsistence fishery (Cold Bay road system) attracts more out-of-area Alaska residents (primarily from Anchorage and the Matanuska-Susitna Valley) than any other Alaska Peninsula subsistence fishery. In 1994, 29 of the 41 permits issued were to out-of-area residents (Table 16). Thin Point Cove, near Cold Bay, is used by both commercial and subsistence fishers. Most Thin Point Cove subsistence fishers are from King Cove (Tables 17).

The Reese Bay, Unalaska Island, subsistence fishery occurs on a small sockeye salmon run that appears to be fully utilized by subsistence fishers. The 1994 harvest was an estimated 2,298 sockeye salmon (Tables 18 and 19).

The Adak-Kagalaska Islands personal use salmon harvest primarily consists of sockeye salmon taken at Quail Bay on Kagalaska Island and Hidden Bay on the south side of Adak Island. A few pink and coho salmon are harvested on the north side of Adak Island. In 1994, no salmon were reported harvested from the personal use fishery (Table 13). Federal government reductions in personnel appear to have caused the decrease in this fishery.

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Table 1. List of statistical salmon fishing areas in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas.

Area	Statistical Areas
Alaska Peninsula	28100 through 28599 plus 31111 through 31899
South Peninsula prior to 1991	28100 through 28499
Southeastern District[a]	28100 through 28299 plus 28370, 28375, 28380, and 28390
Southeastern District Mainland[a]	28100 through 28199 plus 28370, 28375, 28380, and 28390
East Stepovak	28134, 28135, 28136
Stepovak Flats	28133
Northwest Stepovak	28110 through 28132
Orzinski and American Bays	28131
Southwest Stepovak	28390
Balboa Bay	28380
Beaver Bay[a]	28370, 28375
Shumagin Islands	28200 through 28299
South Central District	28361 through 28369
Southwestern District	28300 through 28352 plus 28460
Unimak District	28400 through 28450 plus 28310
June South Unimak fishery	28310 through 28330 plus 28420 through 28460
South Peninsula after 1990	28100 through 28599
Southeastern District	28100 through 28299
Southeastern District Mainland	28100 through 28199
East Stepovak	28100 through 28125
Stepovak Flats	28130
Northwest Stepovak	28140 through 28169
Orzinski Bay	28150
American Bay	28155
Southwest Stepovak	28170
Balboa Bay	28180
Beaver Bay	28190
Shumagin Islands	28200 through 28299
South Central District	28300 through 28399
Southwestern District	28400 through 28499
Unimak District	28500 through 28599
June South Unimak fishery	28400 through 28599
McGinty Point to Moss Cape	28315, 28317, 28321, 28323, 28324, 28325, 28326, 28351, 28352, 28361, 28362, 28363, 28664, 28365, 28370, plus 28436, 28437, and 28438

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Area	Statistical Areas
Alaska Peninsula (Cont.)	
Belkofski Bay to Kenmore Head	28312, 28320, 28331, 28332, 28333, 28334, 28335, 28341, 28342, plus 28442, 28445, 28455, 28462, 28465, 28467, 28475, 28477, 28480
Kenmore Head to Scotch Cap	28310, 28330, plus 28410, 28420, 28430, 28440, 28460, 28470, 28472, 28490, plus 28510, 28420, 28530, and 28540
North Peninsula	
Northwestern District	31111 through 31299
Dublin Bay	31120
Urilia Bay	31132 through 31142
Swanson Lagoon	31152
Bechevin Bay	31158 through 31160
Izembek-Moffet Bay	31210 through 31240
Northern District	31300 through 31899
Black Hills	31310
Caribou Flats	31320
Nelson Lagoon	31330
Herendeen-Moller Bays	31400 through 31499
Bear River	31500 through 31599
Three Hills	31610
Ilnik	31620 through 31699
Ilnik Lagoon	31622
Outer Port Heiden	31710
Inner Port Heiden	31720
Cinder River	31820
Harbor Point to Cape Seniavin	31500 through 31599 and 31412
Cape Seniavin to Strogonof Point	31600 through 31699
Harbor Point to Strogonof Point	31500 through 31699 and 31412
Aleutian Islands Area	30200 through 30999 and 31110
Atka-Amlia Area	30500 through 30599

[a] In 1985, statistical area 28370 became two areas (28370 and 28375). In 1988, Beaver Bay (28375) became part of the Southeastern District while the Mino Creek-Little Coal Bay area (28370) became part of the South Central District. In 1991, statistical areas were changed to reflect Alaska Board of Fish management plans. As an aid in comparing statistics, catches from 1970-90 from statistical areas 28370 and 28375 have been designated as Beaver Bay catches from the Southeastern District. After 1990, these statistical areas were eliminated, Beaver Bay became 28190 (Southeastern District) and the Mino Creek-Little Coal Bay area became 28317 and 28315 (South Central District).

Table 2. Alaska Peninsula-Aleutian Islands salmon catches by year, for the South Peninsula, North Peninsula, Aleutian Islands, and Atka-Amlia Areas, 1906-1994.

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1906	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,500	135,000	0	0	0	136,500
	Aleutians	0	0	0	0	0	0
	Total	1,500	135,000	0	0	0	136,500
1907	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,700	66,500	3,200	1,500	0	72,900
	Aleutians	0	0	0	0	0	0
	Total	1,700	66,500	3,200	1,500	0	72,900
1908	South Peninsula	0	69,400	0	0	0	69,400
	North Peninsula	1,500	166,900	0	0	0	168,400
	Aleutians	0	0	0	0	0	0
	Total	1,500	236,300	0	0	0	237,800
1909	South Peninsula	0	108,400	7,200	0	0	115,600
	North Peninsula	1,500	143,000	0	0	1,000	145,500
	Aleutians	0	0	0	0	0	0
	Total	1,500	251,400	7,200	0	1,000	261,100
1910	South Peninsula	0	46,300	5,500	0	0	51,800
	North Peninsula	0	0	0	0	0	0
	Aleutians	0	0	0	0	0	0
	Total	0	46,300	5,500	0	0	51,800
1911	South Peninsula	0	240,800	12,400	25,200	83,000	361,400
	North Peninsula	0	129,600	0	0	0	129,600
	Aleutians	0	9,300	0	0	0	9,300
	Total	0	379,700	12,400	25,200	83,000	500,300
1912	South Peninsula	0	334,400	27,000	40,400	195,000	596,800
	North Peninsula	900	252,700	11,000	0	2,400	267,000
	Aleutians	0	0	0	0	0	0
	Total	900	587,100	38,000	40,400	195,000	863,800
1913	South Peninsula	1,800	299,700	0	0	7,000	308,500
	North Peninsula	600	888,800	18,700	0	2,000	910,100
	Aleutians	0	0	0	0	0	0
	Total	2,400	1,188,500	18,700	0	9,000	1,218,600
1914	South Peninsula	600	628,900	0	311,000	221,100	1,171,500
	North Peninsula	8,100	1,325,100	0	0	0	1,333,200
	Aleutians	0	0	0	0	0	0
	Total	8,700	1,954,000	9,900	311,000	221,100	2,504,700
1915	South Peninsula	4,800	367,900	16,200	120,100	333,100	842,100
	North Peninsula	14,000	1,974,300	0	0	54,800	2,043,100
	Aleutians	0	0	0	0	0	0
	Total	18,800	2,342,200	16,200	120,100	387,900	2,885,200
1916	South Peninsula	6,800	730,900	34,100	576,100	508,900	1,856,800
	North Peninsula	44,200	1,974,700	0	2,600	191,400	2,212,900
	Aleutians	0	76,500	1,200	180,300	100	258,100
	Total	51,000	2,782,100	35,300	759,000	700,400	4,327,800

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1917	South Peninsula	6,400	1,486,100	4,600	72,100	415,500	1,984,700
	North Peninsula	20,000	679,600	6,800	600	90,300	797,300
	Aleutians	0	70,400	3,800	600	23,100	97,900
	Total	26,400	2,236,100	15,200	73,300	528,900	2,879,900
1918	South Peninsula	8,700	1,014,100	16,300	2,150,000	1,501,000	4,690,900
	North Peninsula	9,700	1,208,500	0	1,200	252,300	1,471,700
	Aleutians	0	55,200	4,400	75,600	135,200	270,400
	Total	18,400	2,277,800	20,700	2,227,600	1,888,500	6,433,000
1919	South Peninsula	9,600	619,100	56,100	80,200	921,400	1,686,400
	North Peninsula	19,600	389,200	0	12,000	143,500	564,300
	Aleutians	0	3,900	800	4,000	0	8,700
	Total	29,200	1,012,200	56,900	96,200	1,064,900	2,259,400
1920	South Peninsula	7,800	1,142,300	47,700	2,109,800	934,000	4,241,600
	North Peninsula	19,000	1,371,900	0	0	37,000	1,427,900
	Aleutians	0	10,100	2,800	0	0	12,900
	Total	26,800	2,524,300	50,500	2,109,800	971,000	5,682,400
1921	South Peninsula	700	830,700	1,500	47,300	84,600	964,800
	North Peninsula	12,500	1,746,500	0	0	32,800	1,791,800
	Aleutians	0	0	0	0	0	0
	Total	13,200	2,577,200	1,500	47,300	117,400	2,756,600
1922	South Peninsula	6,900	3,376,800	2,200	756,700	349,300	4,491,900
	North Peninsula	10,400	667,900	0	0	42,900	721,200
	Aleutians	0	14,000	0	0	0	14,000
	Total	17,300	4,058,700	2,200	756,700	392,200	5,227,100
1923	South Peninsula	4,100	1,827,200	75,300	143,600	538,900	2,589,100
	North Peninsula	9,100	731,700	100	0	25,800	766,700
	Aleutians	0	0	0	0	0	0
	Total	13,200	2,558,900	75,400	143,600	564,700	3,355,800
1924	South Peninsula	3,900	1,352,000	127,300	3,931,300	1,330,700	6,745,200
	North Peninsula	10,500	701,700	0	0	48,400	760,600
	Aleutians	0	24,900	0	673,800	100	698,800
	Total	14,400	2,078,600	127,300	4,605,100	1,379,200	8,204,600
1925	South Peninsula	10,700	820,500	127,100	382,100	1,116,800	2,457,200
	North Peninsula	10,600	400,200	0	0	53,900	464,700
	Aleutians	0	18,600	0	3,800	9,100	31,500
	Total	21,300	1,239,300	127,100	385,900	1,179,800	2,953,400
1926	South Peninsula	9,500	3,071,500	193,800	3,719,700	1,179,800	8,174,300
	North Peninsula	23,900	672,900	0	0	71,500	768,300
	Aleutians	0	1,300	0	521,700	7,800	530,800
	Total	33,400	3,745,700	193,800	4,241,400	1,259,100	9,473,400
1927	South Peninsula	9,600	714,700	125,300	1,455,500	1,299,700	3,604,800
	North Peninsula	16,500	230,600	100	0	87,000	334,200
	Aleutians	0	17,300	0	334,600	0	351,900
	Total	26,100	962,600	125,400	1,790,100	1,386,700	4,290,900

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Table 2. (page 3 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1928	S.Pen & Aleutian	7,700	971,500	96,600	900,900	2,416,300	4,393,000
	North Peninsula	4,600	855,600	0	0	83,500	943,700
	Total	12,300	1,827,100	96,600	900,900	2,499,800	5,336,700
1929	S.Pen & Aleutian	10,500	935,800	84,500	1,793,500	2,429,000	5,253,300
	North Peninsula	4,100	878,000	0	0	145,200	1,027,300
	Total	14,600	1,813,800	84,500	1,793,500	2,574,200	6,280,600
1930	S.Pen & Aleutian	10,900	935,200	161,100	6,094,800	1,278,100	8,480,100
	North Peninsula	3,800	167,700	0	0	93,400	265,200
	Total	14,700	1,102,900	161,100	6,094,800	1,371,800	8,745,300
1931	S.Pen & Aleutian	11,000	1,863,200	128,700	997,900	1,216,000	4,211,800
	North Peninsula	1,300	761,000	0	0	54,900	817,200
	Total	12,300	2,624,200	128,700	997,900	1,265,900	5,029,000
1932	S.Pen & Aleutian	17,400	2,977,300	112,300	3,604,800	817,300	7,529,100
	North Peninsula	3,200	977,100	0	0	56,300	1,036,600
	Total	20,600	3,954,400	112,300	3,604,800	873,600	8,565,700
1933	S.Pen & Aleutian	12,600	1,996,700	190,000	3,109,200	1,173,900	6,482,400
	North Peninsula	1,100	350,100	0	0	16,000	367,200
	Total	13,700	2,346,800	190,000	3,109,200	1,189,900	6,849,600
1934	S.Pen & Aleutian	17,600	1,372,400	247,100	6,538,500	1,940,300	10,115,900
	North Peninsula	1,600	1,091,300	0	400	13,000	1,106,300
	Total	19,200	2,464,700	247,100	6,538,900	1,953,300	11,222,200
1935	S.Pen & Aleutian	13,900	978,400	117,200	5,386,200	2,003,100	8,498,800
	North Peninsula	1,000	479,200	0	100	33,800	514,100
	Total	14,900	1,457,600	117,200	5,386,300	2,036,300	9,012,900
1936	S.Pen & Aleutian	14,400	3,662,600	284,600	9,471,000	2,310,900	15,743,500
	North Peninsula	1,000	610,700	0	2,800	19,000	633,500
	Total	15,400	4,273,300	284,600	9,473,800	2,329,900	16,377,000
1937	S.Pen & Aleutian	9,300	1,558,000	73,900	9,302,000	1,506,700	12,449,900
	North Peninsula	1,600	860,900	0	100	65,600	928,200
	Total	10,900	2,418,900	73,900	9,302,100	1,572,300	13,378,100
1938	S.Pen & Aleutian	6,400	772,100	220,700	7,169,100	1,476,600	9,644,900
	North Peninsula	5,900	1,009,600	0	0	34,700	1,050,200
	Total	12,300	1,781,700	220,700	7,169,100	1,511,300	10,695,100
1939	S.Pen & Aleutian	16,500	1,881,700	98,900	6,005,300	1,440,600	9,443,000
	North Peninsula	3,900	746,200	0	0	82,200	882,300
	Total	20,400	2,527,900	98,900	6,005,300	1,522,800	10,275,300
1940	S.Pen & Aleutian	9,100	1,040,300	184,200	7,182,800	2,326,300	10,472,700
	North Peninsula	700	678,900	0	0	65,600	745,200
	Total	9,800	1,719,200	184,200	7,182,800	2,391,900	11,487,900
1941	S.Pen & Aleutian	13,000	1,072,000	183,000	5,347,000	1,542,000	8,157,800
	North Peninsula	700	491,700	0	3,200	30,200	525,800
	Total	13,700	1,563,700	183,000	5,350,200	1,572,200	8,682,800

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Table 2. (page 4 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1942	S.Pen & Aleutian	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
	North Peninsula	0	0	0	0	0	0
	Total	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
1943	S.Pen & Aleutian	21,700	2,397,700	90,600	4,360,200	924,500	7,794,700
	North Peninsula	200	567,400	0	1,300	50,400	619,300
	Total	21,900	2,965,100	90,600	4,361,500	974,900	8,414,000
1944	S.Pen & Aleutian	9,900	538,600	238,700	2,653,800	985,600	4,426,600
	North Peninsula	100	414,700	0	2,600	157,900	575,300
	Total	10,000	953,300	238,700	2,656,400	1,143,500	5,001,900
1945	S.Pen & Aleutian	21,400	813,400	116,100	3,639,600	948,900	5,539,400
	North Peninsula	100	394,400	0	2,500	335,100	732,100
	Total	21,500	1,207,800	116,100	3,642,100	1,284,000	6,271,500
1946	S.Pen & Aleutian	6,100	752,300	151,400	1,964,000	1,219,900	4,093,700
	North Peninsula	2,500	697,700	300	0	36,000	736,500
	Total	8,600	1,450,000	151,700	1,964,000	1,255,900	4,830,200
1947	S.Pen & Aleutian	3,400	1,137,100	55,800	2,319,600	1,219,200	4,735,100
	North Peninsula	100	357,700	100	100	75,000	433,000
	Total	3,500	1,491,800	55,900	2,319,700	1,294,200	5,168,100
1948	S.Pen & Aleutian	1,200	285,900	39,200	1,683,700	1,139,600	3,149,600
	North Peninsula	1,200	477,600	17,200	0	161,700	658,700
	Total	3,400	763,500	56,400	1,683,700	1,301,300	3,808,300
1949	S.Pen & Aleutian	3,800	637,500	19,500	1,544,000	560,900	2,765,700
	North Peninsula	700	137,100	25,700	0	40,700	204,200
	Total	4,500	774,600	45,200	1,544,000	601,600	2,969,900
1950	S.Pen & Aleutian	4,000	1,745,300	70,700	1,613,700	562,500	3,996,200
	North Peninsula	1,100	127,800	37,800	0	217,600	284,300
	Total	5,100	1,873,100	108,500	1,613,700	780,100	4,380,500
1951	South Peninsula	1,500	264,200	55,700	2,844,800	683,100	3,849,300
	North Peninsula	1,200	358,900	32,900	20,400	203,000	616,400
	Aleutians	0	11,700	400	500	94,500	107,100
	Total	2,700	634,800	89,000	2,865,700	980,600	4,572,800
1952	South Peninsula	9,200	894,500	39,200	908,500	1,040,800	2,892,200
	North Peninsula	700	354,800	54,200	1,400	246,900	658,000
	Aleutians	200	42,800	0	31,800	25,700	100,500
	Total	10,100	1,292,100	93,400	941,700	1,313,400	3,650,700
1953	South Peninsula	7,200	1,039,200	47,900	2,743,900	1,464,600	5,302,800
	North Peninsula	800	537,300	26,200	18,300	224,400	807,000
	Aleutians	0	4,200	500	69,200	800	74,700
	Total	8,000	1,580,700	74,600	2,831,400	1,689,800	6,184,500
1954	South Peninsula	4,200	636,300	49,400	2,033,300	1,413,400	4,136,600
	North Peninsula	3,400	354,700	35,000	18,500	405,000	816,600
	Aleutians	0	6,300	800	566,500	200	573,800
	Total	7,600	997,300	85,200	2,618,300	1,818,600	5,527,000

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Table 2. (page 5 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1955	South Peninsula	5,400	550,100	44,800	2,529,200	688,200	3,817,700
	North Peninsula	4,100	586,600	6,200	900	129,600	727,400
	Aleutians	0	12,600	100	31,100	400	44,200
	Total	9,500	1,149,300	51,100	2,561,200	818,200	4,589,300
1956	South Peninsula	4,800	641,400	61,900	2,740,700	1,618,700	5,067,500
	North Peninsula	4,200	1,370,900	8,200	28,500	427,400	1,839,200
	Aleutians	0	400	0	33,900	0	34,300
	Total	9,000	2,012,700	70,100	2,803,100	2,046,100	6,941,000
1957	South Peninsula	5,800	341,900	49,900	913,100	1,281,400	2,592,100
	North Peninsula	1,000	327,900	18,300	3,300	274,900	625,400
	Aleutians	2,300	27,300	100	500	13,900	44,100
	Total	9,100	697,100	68,300	916,900	1,570,200	3,261,600
1958	South Peninsula	800	186,100	70,600	1,385,200	841,000	2,483,700
	North Peninsula	15,000	473,800	57,100	60,400	254,800	861,100
	Aleutians	0	300	0	613,200	3,700	617,200
	Total	15,800	660,200	127,700	2,058,800	1,099,500	3,962,000
1959	South Peninsula	900	217,500	8,500	915,600	711,700	1,854,200
	North Peninsula	28,700	634,900	59,100	9,600	404,700	1,137,000
	Aleutians	0	6,100	0	12,000	100	18,200
	Total	29,600	858,500	67,600	937,200	1,116,500	3,009,400
1960	South Peninsula	1,700	379,000	1,800	1,197,500	904,400	2,484,400
	North Peninsula	10,400	692,800	44,000	34,700	607,200	1,389,100
	Aleutians	0	7,600	0	444,900	300	452,800
	Total	12,100	1,079,400	45,800	1,677,100	1,511,900	4,326,300
1961	South Peninsula	900	456,800	10,400	1,727,800	748,600	2,944,500
	North Peninsula	6,100	387,700	24,600	3,000	153,300	574,700
	Aleutians	0	2,700	0	94,000	200	96,900
	Total	7,000	847,200	35,000	1,824,800	902,100	3,616,100
1962	South Peninsula	3,300	420,000	12,500	1,965,500	824,800	3,226,100
	North Peninsula	5,400	249,700	35,200	31,200	34,900	356,400
	Aleutians	0	5,500	100	2,001,700	1,200	2,008,500
	Total	8,700	675,200	47,800	3,998,400	860,900	5,591,000
1963	South Peninsula	1,900	204,400	16,500	2,367,700	461,300	3,051,800
	North Peninsula	3,600	225,200	40,500	6,900	49,900	326,100
	Aleutians	0	4,500	0	93,900	300	98,700
	Total	5,500	434,100	57,000	2,468,500	511,500	3,476,600
1964	South Peninsula	2,000	370,800	13,600	2,740,400	751,000	3,877,800
	North Peninsula	3,600	250,800	36,600	6,800	139,000	436,800
	Aleutians	0	200	0	194,100	2,300	196,600
	Total	5,600	621,700	50,200	2,941,300	892,300	4,511,200
1965	South Peninsula	2,100	915,700	34,200	2,884,100	556,400	4,392,500
	North Peninsula	6,100	199,500	34,500	2,100	69,700	311,900
	Aleutians	0	0	0	0	0	0
	Total	8,200	1,115,200	68,700	2,886,200	626,100	4,704,400

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Table 2. (page 6 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1966	South Peninsula	1,400	606,200	6,300	302,300	494,400	1,410,600
	North Peninsula	5,600	245,300	37,300	16,000	82,800	387,000
	Aleutians	0	1,000	0	63,500	700	65,200
	Total	7,000	852,500	43,600	381,800	577,900	1,862,800
1967	South Peninsula	1,600	294,100	2,900	77,800	245,200	621,600
	North Peninsula	5,500	224,700	46,800	700	41,300	319,000
	Aleutians	0	200	0	7,900	0	8,100
	Total	7,100	519,000	49,700	86,400	286,500	948,700
1968	South Peninsula	1,400	699,800	31,100	1,287,100	325,300	2,344,700
	North Peninsula	4,500	237,100	64,900	200	73,500	380,200
	Aleutians	0	2,000	100	902,800	800	905,700
	Total	5,900	938,900	96,100	2,190,100	399,600	3,630,600
1969	South Peninsula	1,900	912,800	10,900	1,219,400	389,200	2,534,200
	North Peninsula	4,800	321,300	49,100	100	28,100	403,400
	Aleutians	0	1,900	0	242,200	1,500	245,600
	Total	6,700	1,236,000	60,000	1,461,700	418,800	3,183,200
1970	South Peninsula	1,806	1,779,525	32,571	1,737,985	993,349	4,545,236
	North Peninsula	3,832	187,793	26,327	7,904	47,989	273,845
	Aleutians	6	208	135	644,121	3,029	647,499
	Total	5,644	1,967,526	59,033	2,390,010	1,044,367	5,466,580
1971	South Peninsula	2,174	716,087	16,907	1,445,031	1,365,957	3,546,156
	North Peninsula	2,187	353,784	8,222	297	64,154	428,644
	Aleutians	0	333	2	45,114	58	45,507
	Total	4,361	1,070,204	25,131	1,490,442	1,430,169	4,020,307
1972	South Peninsula	1,332	557,422	8,021	78,221	731,814	1,376,810
	North Peninsula	1,790	179,325	9,684	129	84,687	275,615
	Aleutians	0	69	1	2,784	6	2,860
	Total	3,122	736,816	17,706	81,134	816,507	1,655,285
1973	South Peninsula	415	330,091	6,599	58,051	292,943	688,099
	North Peninsula	2,627	165,390	19,776	143	152,773	340,709
	Aleutians	0	0	0	2,042	0	2,042
	Total	3,042	495,481	26,375	60,236	445,716	1,030,850
1974	South Peninsula	581	197,153	9,366	100,601	71,826	379,527
	North Peninsula	2,720	246,209	16,799	10,599	34,417	310,744
	Aleutians	0	0	0	0	0	0
	Total	3,301	443,362	26,165	111,200	106,243	690,271
1975	South Peninsula	117	243,548	67	60,642	130,750	435,124
	North Peninsula	2,093	233,293	28,355	295	8,770	272,806
	Aleutians	0	19,402	0	659	1,881	21,942
	Total	2,210	496,243	28,422	61,596	141,401	729,872
1976	South Peninsula	2,196	375,027	216	2,366,833	532,503	3,276,775
	North Peninsula	4,953	641,134	26,061	672	73,589	746,409
	Aleutians	0	0	0	0	0	0
	Total	7,149	1,016,161	26,277	2,367,505	606,092	4,023,184

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Table 2. (page 7 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1977	South Peninsula	559	311,722	2,108	1,448,648	243,167	2,006,204
	North Peninsula	5,489	472,006	34,137	888	129,168	641,688
	Aleutians	0	0	0	0	0	0
	Total	6,048	783,728	36,245	1,449,536	372,335	2,647,892
1978	South Peninsula	773	579,411	60,774	5,590,145	546,182	6,777,285
	North Peninsula	14,258	896,616	63,341	485,224	163,804	1,623,243
	Aleutians	0	1,829	0	38,109	6	39,944
	Total	15,031	1,477,856	124,115	6,113,478	709,992	8,440,472
1979	South Peninsula	2,141	1,149,927	356,867	6,564,914	482,930	8,556,779
	North Peninsula	17,107	1,979,167	112,835	4,994	65,711	2,179,814
	Aleutians	0	12,206	0	539,393	242	551,841
	Total	19,248	3,141,300	469,702	7,109,301	548,883	11,288,434
1980	South Peninsula	4,794	3,613,025	274,181	7,861,470	1,353,112	13,106,582
	North Peninsula	16,805	1,397,119	127,878	301,672	700,197	2,543,671
	Aleutians	2	9,226	2	2,597,461	4,874	2,611,565
	Total	21,601	5,019,370	402,061	10,760,603	2,058,183	18,261,818
1981	South Peninsula	11,182	2,241,513	162,223	5,033,028	1,768,475	9,216,421
	North Peninsula	18,875	1,844,335	155,420	11,217	706,818	2,736,665
	Aleutians	16	5,430	188	302,786	6,553	314,973
	Total	30,073	4,091,278	317,831	5,347,031	2,481,846	12,268,059
1982	South Peninsula	9,845	2,345,981	256,046	6,734,905	2,272,495	11,619,272
	North Peninsula	30,113	1,435,280	238,016	12,321	331,133	2,046,863
	Aleutians	0	2,672	28	1,447,818	6,148	1,456,666
	Total	39,958	3,783,933	494,090	8,195,044	2,609,776	15,122,801
1983	South Peninsula	26,571	2,556,557	127,657	2,827,622	1,704,072	7,242,479
	North Peninsula	29,479	2,093,374	75,138	3,404	348,722	2,550,117
	Aleutians	0	4,405	0	2,005	11,361	17,771
	Total	56,050	4,654,336	202,795	2,833,031	2,064,155	9,810,367
1984[a]	South Peninsula	9,198	2,318,028	310,950	11,589,258	1,654,622	15,882,056
	North Peninsula	22,966	1,734,856	198,582	27,419	796,728	2,780,551
	Aleutians	26	67,163	1,923	2,309,665	32,025	2,410,802
	Total	32,190	4,120,047	511,455	13,926,342	2,483,375	21,073,409
1985	South Peninsula	6,642	2,144,416	172,514	4,431,016	1,348,726	8,103,314
	North Peninsula	23,528	2,596,081	176,118	3,054	666,631	3,465,412
	Aleutians	40	2,750	0	90	14,175	17,055
	Total	30,210	4,743,247	348,632	4,434,160	2,029,532	11,585,781
1986	South Peninsula	5,589	1,223,089	235,854	4,031,487	1,749,651	7,245,670
	North Peninsula	11,740	2,463,735	164,071	22,630	271,216	2,933,392
	Aleutians	11	7,702	60	42,621	38,819	89,213
	Total	17,340	3,694,526	399,985	4,096,738	2,059,686	10,268,275
1987	South Peninsula	9,174	1,449,753	225,120	1,208,556	1,376,887	4,268,490
	North Peninsula	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	Aleutians	0	75	0	0	0	75
	Total	23,360	2,659,263	396,904	1,212,042	1,744,583	6,036,152

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Table 2. (page 8 of 9)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1988	South Peninsula	11,075	1,473,651	505,533	7,044,824	1,908,507	10,943,590
	North Peninsula	16,805	1,528,116	233,966	65,242	393,077	2,237,206
	Aleutians	0	4,315	7	183,109	450	187,881
	Total	27,880	3,006,082	739,506	7,293,175	2,302,034	13,368,677
1989	South Peninsula	7,065	2,660,800	443,843	7,292,658	994,231	11,398,597
	North Peninsula	10,948	1,718,716	227,551	4,103	157,177	2,118,495
	Aleutians	0	8,248	0	6,700	0	14,948
	Total	18,013	4,387,764	671,394	7,303,461	1,151,408	13,532,040
1990	South Peninsula	16,522	2,386,844	307,218	2,865,856	1,237,826	6,814,266
	North Peninsula	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	Aleutians	2	12,435	74	282,823	1,038	296,372
	Total	28,844	4,815,326	500,270	3,666,403	1,364,977	10,375,820
1991	South Peninsula	7,975	2,319,942	317,129	10,616,756	1,588,795	14,850,597
	North Peninsula	9,372	2,391,411	218,274	4,249	191,283	2,814,589
	Aleutians	0	796	0	0	0	796
	Total	17,347	4,712,149	535,403	10,621,005	1,780,078	17,665,982
1992	South Peninsula	8,026	3,445,914	418,232	9,770,386	1,316,709	14,959,267
	North Peninsula	13,144	3,575,511	206,813	194,395	341,616	4,331,479
	Aleutians	0	3,082	0	312,072	1,230	316,384
	Atka-Amlia	0	231	42	7,972	308	8,553
	Total	21,170	7,024,738	625,087	10,284,825	1,659,863	19,615,683
1993	South Peninsula	14,413	3,689,074	220,148	9,928,107	1,048,257	14,899,999
	North Peninsula	23,585	3,866,593	64,376	5,328	134,960	4,094,842
	Aleutians	0	0	0	0	0	0
	Atka-Amlia	0	24	4	145	563	736
	Total	37,998	7,555,691	284,528	9,933,580	1,183,780	18,995,577
1994	South Peninsula	10,002	2,107,233	255,905	9,179,853	2,192,079	13,745,072
	North Peninsula	18,646	2,752,909	241,249	225,386	83,793	3,321,983
	Aleutians	0	47	6	858,787	617	859,457
	Atka-Amlia	0	16	0	896	0	912
	Total	28,648	4,860,205	497,160	10,264,922	2,276,489	17,927,424
Average 1984-93							
	South Peninsula	9,568	2,311,151	315,654	6,877,890	1,422,321	10,936,585
	North Peninsula	15,859	2,350,050	185,451	84,763	344,750	2,980,874
	Aleutians	8	10,657	206	313,708	8,774	333,353
	Total	25,435	4,671,858	501,312	7,276,361	1,775,845	14,250,811
Average 1974-93							
	South Peninsula	7,722	1,836,269	220,302	5,368,386	1,166,436	8,599,115
	North Peninsula	15,024	1,736,952	136,625	83,946	300,491	2,273,038
	Aleutians	5	8,087	114	403,266	5,940	417,411
	Total	22,751	3,581,307	357,041	5,855,597	1,472,868	11,289,564
Average 1992-93							
	Atka-Amlia	0	128	23	4,059	436	4,645

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[a] During June 18, 1984 fishers harvested 23 chinook, 63,929 sockeye, 1,900 coho, 18,950 pink, and 8,409 chum salmon in Unimak Pass. Unimak Pass was defined as closed to commercial salmon fishing under the Alaska Peninsula portion of the finfish regulations but open to commercial salmon fishing under the Aleutian Islands portion of the finfish regulation book. After 1984, regulations were passed through the Alaska Board of Fish closing the Unimak Pass area to commercial salmon fishing until at least July 10.

Harvest numbers include test fish catches.

Table 3. Alaska Peninsula and Aleutian Islands Management Areas salmon harvest, in number of fish, by statistical area, section, and district, 1994.

Stat. Area	Section	Number Of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA							
SOUTHEASTERN DISTRICT							
281-15	Kupreanof Point	121	18,081	26,452	60,053	26,550	131,257
281-25	Island & Fox Bays	239	116,779	14,803	51,765	27,755	211,341
	East Stepovak Section Total	**360**	**134,860**	**41,255**	**111,818**	**54,305**	**342,598**
281-30	**Stepovak Flats Section**	**4**	**5,263**	**3**	**10,064**	**2,101**	**17,435**
281-40	Grub Gulch/Clark Bay	33	21,657	1,192	24,080	23,341	70,303
281-50	Orzinski Bay	23	47,077	554	7,408	763	55,825
281-55	American Bay	3	24,127	1,046	5,670	2,431	33,277
281-60	Blunt Pt. to Dorenoi Bay	2	14,844	1,981	41,103	6,192	64,122
	Northwest Stepovak Section Total	**61**	**107,705**	**4,773**	**78,261**	**32,727**	**223,527**
281-70	**Southwest Stepovak Section**	**57**	**41,958**	**4,861**	**26,670**	**7,676**	**81,222**
281-80	**Balboa Bay Section**	**72**	**39,567**	**3,933**	**107,668**	**26,327**	**177,567**
281-90	**Beaver Bay Section**	**16**	**926**	**47**	**1,214**	**425**	**2,628**
	Southeastern Mainland Total	**570**	**330,279**	**54,872**	**335,695**	**123,561**	**844,977**
282-10	Popof Strait/Squaw Harbor	44	18,883	4,067	86,682	10,990	120,666
282-11	Unga Cape/East Popof	2,917	261,859	102,636	1,029,354	305,051	1,701,817
282-20	Acheredin Bay	33	45,014	2,137	29,131	6,681	82,996
282-25	West Unga Island	55	50,868	3,437	60,018	9,624	124,002
282-30	Bay Point	9	6,964	22	13,175	3,935	24,105
282-35	Zachary Bay	1	129	87	119,251	13,241	132,709
282-40	East Head/West Head	3	3,166	256	7,907	461	11,793
282-42	Korovin Island	1,420	211,445	16,224	376,873	102,555	708,517
282-50	Koniuji Island	1	21	0	0	4	26
282-65	Southeast Nagai Island	2	350	350	2,000	100	2,802
282-70	Southwest Nagai island	98	28,853	22,186	140,734	15,545	207,416
282-75	Cape Horn/Porpoise Rocks	15	1,373	727	58,440	2,364	62,919

-Continued-

Table 3. (page 2 of 6)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA (Cont.)							
282-80	East Nagai Strait	1	14	0	46	313	374
	Shumagin Islands Section Total	**4,599**	**628,939**	**152,129**	**1,923,611**	**470,864**	**3,180,142**
SOUTHEASTERN DISTRICT TOTAL		***5,169***	***959,218***	***207,001***	***2,259,306***	***594,425***	***4,025,119***
SOUTH CENTRAL DISTRICT							
283-15	Mino Creek	7	16	14	144	42	223
283-17	Coal Bay	18	7,847	766	526,151	9,141	543,923
	Mino Creek-Little Coal Bay Section Total	**25**	**7,863**	**780**	**526,295**	**9,183**	**544,146**
283-21	North Side Cape Tolstoi	15	7,162	391	125,353	5,102	138,023
283-23	East Pavlof Bay	23	14,686	341	705,679	54,652	775,381
283-25	Northwest Pavlof Bay	0	488	239	9,632	90,356	100,715
283-26	Long Beach/Ukolnoi Island	45	2,858	1,034	93,423	26,323	123,683
	Pavlof Bay Section Total	**83**	**25,194**	**2,005**	**934,087**	**176,433**	**1,137,802**
283-24	**Canoe Bay Section**	**22**	**1,131**	**59**	**221,187**	**132,048**	**354,447**
SOUTH CENTRAL DISTRICT TOTAL		***130***	***34,188***	***2,844***	***1,681,569***	***317,664***	***2,036,395***
SOUTHWESTERN DISTRICT							
284-36	Volcano Bay	10	1,830	1,148	265,880	549,583	818,451
284-37	Northside Dolgoi Island	47	40,051	3,601	198,322	33,872	275,893
284-38	South Dolgoi/Moss Cape	69	21,756	369	186,112	20,115	228,421
	Volcano Bay Section Total	**126**	**63,637**	**5,118**	**650,314**	**603,570**	**1,322,765**
284-42	Belkofski Bay	56	13,618	828	585,728	78,625	678,855
284-45	King Cove	20	14,364	292	288,210	32,572	335,458
	Belkofski Bay Section Total	**76**	**27,982**	**1,120**	**873,938**	**111,197**	**1,014,313**

-Continued-

Table 3. (page 3 of 6)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA (Cont.)							
284-55	**Deer Island Section**	**15**	**6,978**	**1,225**	**1,582,700**	**32,749**	**1,623,667**
284-62	Outer Cold Bay	1	4,894	124	862	2,180	8,061
284-65	Lenard Harbor	0	145	79	18,320	8,057	26,601
284-67	Inner Cold Bay	2	1,142	34	74,096	73,948	149,222
	Cold Bay Section Total	**3**	**6,181**	**237**	**93,278**	**84,185**	**183,884**
284-75	**Thin Point Section**	**4**	**15,445**	**9,471**	**64,378**	**26,829**	**116,127**
284-80	**Morzhovoi Bay Section**	**107**	**16,201**	**913**	**61,168**	**15,733**	**94,122**
284-90	**Ikatan Bay Section**	**971**	**252,101**	**26,077**	**683,055**	**88,106**	**1,050,310**
SOUTHWESTERN DISTRICT TOTAL		***1,302***	***388,525***	***44,161***	***4,008,831***	***962,369***	***5,405,188***
UNIMAK DISTRICT							
285-10	**Sanak Island Section**	**0**	**377**	**0**	**0**	**0**	**377**
285-20	Bird Island	232	72,501	916	81,410	30,791	185,850
285-30	Cape Lazaref	293	54,232	6	78,055	20,453	153,039
	Otter Cove Section Total	**525**	**126,733**	**922**	**159,465**	**51,244**	**338,889**
284-40	**Cape Lutke Section**	**2,876**	**598,192**	**977**	**1,070,682**	**266,377**	**1,939,104**
UNIMAK DISTRICT TOTAL		***3,401***	***725,302***	***1,899***	***1,230,147***	***317,621***	***2,278,370***
SOUTH PENINSULA TOTAL		**10,002**	**2,107,233**	**255,905**	**9,179,853**	**2,192,079**	**13,745,072**

-Continued-

Table 3. (page 4 of 6)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
NORTH PENINSULA							
NORTHWESTERN DISTRICT							
311-32	**Urilia Bay Section**	**7**	**25,616**	**4,885**	**0**	**595**	**31,103**
311-52	**Swanson Lagoon Section**	**6**	**6,521**	**82**	**415**	**4,799**	**11,823**
311-60	**Bechevin Bay Section**	**0**	**375**	**108**	**187,588**	**27,835**	**215,906**
312-20	Izembek Lagoon	0	125	0	0	100	225
312-40	Moffet Lagoon	4	2,237	12,250	133	6,910	21,534
	Izembek-Moffet Bay Section Total	**4**	**2,362**	**12,250**	**133**	**7,010**	**21,759**
NORTHWESTERN DISTRICT TOTAL		***17***	***34,874***	***17,325***	***188,136***	***40,239***	***280,591***
NORTHERN DISTRICT							
313-10	**Black Hills Section**	**0**	**1,202**	**16**	**0**	**215**	**1,433**
313-30	**Nelson lagoon Section**	**3,509**	**329,212**	**62,224**	**426**	**3,984**	**399,355**
314-12	Port Moller Bight	122	2,242	713	208	512	3,797
314-20	Herendeen Bay	0	3	14	9	340	366
	Herendeen-Moller Bay Section Total	**122**	**2,245**	**727**	**217**	**852**	**4,163**
315-11	Bear River	2,887	954,366	11,309	12,284	24,245	1,005,091
315-20	Muddy River	213	104,635	2,520	3,408	1,485	112,261
	Bear River Section Total	**3,100**	**1,058,964**	**13,829**	**15,692**	**25,730**	**1,117,315**
316-10	**Three Hills Section**	**363**	**481,600**	**11,160**	**11,458**	**4,493**	**509,074**
316-20	Outside Ilnik	181	676,108	14,149	53	8,656	706,051
316-22	Ilnik Lagoon	3	5,274	4,674	11	53	10,007
316-25	Strogonof Point	16	157,563	1,883	46	704	161,186
	Ilnik Section Total	**200**	**838,945**	**20,706**	**110**	**9,413**	**877,244**

-Continued-

Table 3. (page 5 of 6)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
NORTH PENINSULA (Cont.)							
317-20	**Inner Port Heiden Section**	8,752	633	25,017	0	257	34,659
318-20	**Cinder River Section**	2,583	5,197	90,245	44	43	98,112
NORTHERN DISTRICT TOTAL		*18,629*	*2,718,035*	*223,924*	*37,250*	*43,554*	*3,041,392*
NORTH PENINSULA TOTAL		18,646	2,752,909	241,249	225,386	83,793	3,321,983
ALASKA PENINSULA TOTAL		28,648	4,860,142	497,154	9,405,239	2,275,872	17,067,055
ALEUTIAN ISLANDS AREA							
302-31	**Unalaska Bay Section**	0	41	0	49,428	138	49,607
302-40	**Makushin Bay Section**	0	6	6	798,354	479	798,845
302-50	**Kashega Bay Section**	0	0	0	11,005	0	11,005
ALEUTIAN ISLANDS AREA TOTAL		0	47	6	858,787	617	859,457
ATKA-AMLIA ISLANDS AREA							
305-46	Korovin Bay	0	16	0	349	0	365
305-49	Nazan Bay	0	0	0	547	0	547

-Continued-

Table 3. (page 6 of 6)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
ATKA-AMLIA ISLANDS AREA TOTAL		**0**	**16**	**0**	**896**	**0**	**912**
ALASKA PENINSULA-ALEUTIAN ISLANDS AND ATKA-AMLIA ISLANDS AREA TOTAL		**28,648**	**4,860,205**	**497,160**	**10,264,922**	**2,276,489**	**17,927,424**

Harvest numbers include test fish catches.

Table 4. Processing companies purchasing salmon in the Alaska Peninsula and Aleutian Islands Areas, 1994.

Crusader Fisheries, Inc.
4225 23rd Avenue W.
Seattle, WA 98199
Phone (206) 281-7022
Fax (206) 285-8159

Aleyeska Seafoods
P.O. Box 31359
Seattle, WA 99103
Phone (206) 547-2100

Icicle Seafoods, Inc.
4019 21st Avenue W.
P.O. Box 79003
Seattle, WA 98119
Phone (206) 282-0988
Fax (206) 282-7222

Inlet Salmon
P.O. Box 530
Kenai, AK 99611
Phone (907) 283-9275
Fax (907) 283-4069

Manna Seafoods
13233 S.E. Shannon View
Clackamas, Or 97015
Phone (503) 698-7321

New West Fisheries, Inc.
601 Chestnut St.
Bellingham, WA 98225
Phone (206) 734-9050
Fax (206) 734-9059

North Alaska Fisheries Inc.
P.O. Box 877351
Wasilla, AK 99687
Phone (907) 376-4063

North Coast Seafood Processors
P.O. Box 70668
Seattle, WA 98107
Phone (206) 789-5108
Fax (206) 789-7329

Peter Pan Seafoods, Inc.
2200 6th Avenue #1000
Seattle, WA 98121
Phone (206) 728-6000
Fax (206) 441-9090

Trident Seafoods Corporation
5303 Shilshole Avenue NW
Seattle, WA 98107
Phone (206) 783-3818
Fax (206) 782-7195

Woodbine Alaska Fish Company
P.O. Box 218
Egegik, AK 99579
Phone (907) 233-2205
Fax (907) 233-2214

Yak, Inc.
180 Nickerson, Suite 309
Seattle, WA 98109
Phone (206) 286-1303
Fax (206) 286-1098

Deep Creek Custom Packing
P.O. Box 39229
Ninilchik, AK 99639
Phone (907) 567-3395

C Fisheries
5305 Shilshale Ave. NW #200
Seattle, WA 98107
Phone (206) 782-6545

Ugashik Wild Salmon Co. Inc.
3423 W. 100th
Anchorage, AK 99515
Phone (907) 349-4162

Atka Fishermen's Association
General Delivery
Atka, AK 99574

Table 5. Estimated value of Alaska Peninsula and Aleutian Islands commercial salmon fishery, 1994[a].

	Chinook	Sockeye	Coho	Pink	Chum	Total
SEINE						
South Peninsula						
Poundage	141,066	5,356,377	1,212,525	29,255,339	12,739,597	48,704,904
Average Weight	18.8	5.0	7.4	3.4	6.7	
Exvessel Value	$90,000	5,360,000	545,000	4,415,000	3,250,000	13,660,000
Northwestern District						
Poundage	131	63,786	180,804	608,570	231,805	1,085,096
Average Weight	21.8	5.4	11.0	3.2	6.3	
Exvessel Value	$80	64,000	110,000	92,000	46,000	312,080
Northern District						
Poundage	1,950	118,633	0	134	6,761	127,478
Average Weight	20.1	5.9	-	2.5	6.6	
Exvessel Value	$1,350	101,000	0	20	1,550	103,920
North Peninsula Total						
Poundage	2,081	182,419	180,804	608,704	238,566	1,212,574
Average Weight	20.2	5.7	11.0	3.2	6.3	
Exvessel Value	$1,430	165,000	110,000	92,020	47,550	416,000
Aleutian Islands Area (Unalaska)						
Poundage	0	272	39	2,741,402	4,036	2,745,749
Average Weight	-	5.8	6.5	3.2	6.5	
Exvessel Value	$0	400	25	480,000	900	481,325
Total Alaska Peninsula and Aleutian Islands Areas						
Poundage	143,147	5,539,068	1,393,368	32,605,445	12,982,199	52,663,227
Average Weight	18.8	5.0	7.8	3.3	6.7	
Exvessel Value	$91,430	5,525,400	655,025	4,987,020	3,298,450	14,557,325
South Unimak and Shumagin Islands June Fisheries[b, c]						
Poundage	121,828	4,484,167	6,574	6,364,257	2,802,060	13,778,886
Average Weight	19.7	4.9	5.7	2.6	6.4	
Exvessel Value	$85,000	3,810,000	3,000	636,000	700,000	5,234,000
DRIFT GILLNET						
South Peninsula						
Poundage	17,900	2,088,904	180,048	394,081	989,149	3,670,082
Average Weight	17.3	5.4	7.1	3.5	6.3	
Exvessel Value	$11,300	1,860,000	108,000	49,000	241,000	2,269,300
Northwestern District						
Poundage	110	61,888	9,312	1,607	18,936	91,853
Average Weight	13.8	5.5	10.8	4.5	6.5	
Exvessel Value	$60	62,000	5,600	240	4,400	72,300
Northern District						
Poundage	246,861	13,568,938	1,434,378	114,883	244,976	15,610,036
Average Weight	18.5	5.5	8.5	3.1	6.3	
Exvessel Value	$148,000	15,000,000	930,000	14,000	60,000	16,152,000
North Peninsula Total						
Poundage	246,971	13,630,826	1,443,690	116,490	263,912	15,701,889
Average Weight	18.5	5.5	8.6	3.2	6.4	
Exvessel Value	$148,060	15,062,000	935,600	14,240	64,400	16,334,300

-Continued-

Table 5. (page 2 of 3)

	Chinook	Sockeye	Coho	Pink	Chum	Total
DRIFT GILLNET (continued)						
Alaska Peninsula and Aleutian Islands Areas Total						
Poundage	264,871	15,719,730	1,623,738	510,571	1,253,061	19,371,971
Average Weight	18.4	5.5	8.4	3.4	6.4	
Exvessel Value	$159,360	16,922,000	1,043,600	63,240	305,400	18,493,600
Area T						
Poundage	160,721	13,303	880,239	132	1,651	1,056,046
Fish	8,618	2,294	103,200	44	213	114,369
Exvessel Value	$96,000	9,300	530,000	20	330	635,650
Area M						
Poundage	104,150	15,706,427	743,495	510,439	1,251,410	18,315,921
Fish	5,782	2,841,835	90,871	148,741	197,113	3,284,342
Exvessel Value	$63,360	16,912,700	513,600	63,220	305,070	17,857,950
South Unimak-Shumagin Islands June Fisheries[b,c]						
Poundage	17,462	1,988,584	2,113	179,505	803,872	2,991,536
Average Weight	17.3	5.4	5.9	3.1	6.2	
Exvessel Value	$11,000	1,750,000	1,000	14,000	193,000	1,969,000
SET GILLNET						
South Peninsula						
Poundage	14,063	4,020,844	515,915	1,161,952	881,660	6,594,434
Average Weight	15.1	6.3	8.2	3.8	7.1	
Exvessel Value	$8,100	3,377,000	284,000	174,000	193,000	4,036,100
Northwestern District						
Poundage	63	63,530	353	161	756	64,863
Average Weight	21.0	5.4	9.8	4.4	6.2	
Exvessel Value	$40	64,000	140	20	170	64,370
Northern District						
Poundage	95,311	1,317,477	508,868	2,471	26,170	1,950,297
Average Weight	18.4	5.4	9.1	3.5	6.7	
Exvessel Value	$55,000	1,080,000	331,000	370	57,000	1,523,370
North Peninsula Total						
Poundage	95,374	1,381,007	509,221	2,632	26,926	2,015,160
Average Weight	18.4	5.4	9.1	3.6	6.7	
Exvessel Value	$55,040	1,144,000	331,140	390	57,170	1,587,740
Alaska Peninsula and Aleutian Islands Total						
Poundage	109,437	5,401,851	1,025,136	1,164,584	912,483	8,613,491
Average Weight	17.9	6.1	8.6	3.8	7.1	
Exvessel Value	63,140	4,521,000	615,140	174,390	250,170	5,623,840
Area T						
Poundage	51,723	21,162	106,349	0	617	179,851
Fish	2,717	2,536	12,063	0	87	18,403
Exvessel Value	$31,000	15,000	64,000	0	120	110,120
Area M						
Poundage	57,714	5,380,689	918,787	1,164,584	911,866	8,433,640
Fish	3,395	885,927	107,321	305,004	128,907	1,430,554
Exvessel Value	$32,140	4,506,000	551,140	174,390	250,050	5,513,720
South Unimak-Shumagin Islands June Fisheries[b,c]						
Poundage	6,558	1,014,779	420	74,629	84,611	1,180,997
Average Weight	16.6	6.0	6.4	3.0	6.6	
Exvessel Value	$4,000	822,000	170	7,500	18,000	851,670

-Continued-

Table 5. (page 3 of 3)

	Chinook	Sockeye	Coho	Pink	Chum	Total
ALL GEAR COMBINED						
South Peninsula						
Poundage	173,029	11,466,125	1,908,488	30,811,372	14,610,406	58,969,420
Average Weight	18.3	5.5	7.6	3.4	6.7	
Exvessel Value	$109,400	10,597,000	937,000	4,638,000	3,684,000	19,965,400
Northwestern District						
Poundage	304	189,204	190,469	610,338	251,497	1,241,812
Average Weight	17.9	5.4	11.0	3.2	6.3	
Exvessel Value	$180	190,000	115,740	92,260	50,570	448,750
Northern District						
Poundage	344,185	15,005,048	1,943,246	117,488	277,907	
Average Weight	18.5	5.5	8.7	3.2	6.4	
Exvessel Value	$204,350	16,181,000	1,261,000	14,390	118,550	17,779,290
North Peninsula Total						
Poundage	344,426	15,194,252	2,124,403	727,826	529,404	18,920,311
Average Weight	18.5	5.5	8.8	3.2	6.3	
Exvessel Value	$204,530	16,371,000	1,376,740	106,650	169,120	18,228,040
Aleutian Islands Area (Unalaska)						
Poundage	0	272	39	2,741,402	4,036	2,745,749
Average Weight	-	5.8	6.5	3.2	6.5	
Exvessel Value	$0	400	25	480,000	900	481,325
Total Alaska Peninsula and Aleutian Islands Areas						
Poundage	517,455	26,660,649	4,042,242	34,280,600	15,147,743	80,648,689
Average Weight	18.4	5.5	8.2	3.4	6.7	
Exvessel Value	$313,930	26,968,400	2,313,765	5,224,650	3,854,020	38,674,765
Area T						
Poundage	212,444	34,465	986,588	132	2,268	1,235,897
Fish	11,335	5,830	115,263	44	300	132,772
Exvessel Value	$127,000	24,300	594,000	20	450	745,770
Area M						
Poundage	305,011	26,626,184	3,055,654	34,280,468	15,145,475	79,412,792
Fish	16,771	4,838,098	377,678	10,227,832	2,263,020	17,723,399
Exvessel Value	$186,930	26,944,100	1,719,765	5,224,630	3,853,570	37,928,995
South Unimak-Shumagin Islands June Fisheries[b, c]						
Poundage	145,848	7,487,530	9,107	6,618,391	3,690,543	17,951,419
Average Weight	19.2	5.1	5.8	2.7	6.3	
Exvessel Value	$100,000	6,382,000	4,170	657,500	911,000	8,054,670
First Wholesale						
Fish	$1,000,000	80,000,000	5,000,000	48,000,000	14,000,000	148,000,000
Roe	100,000	10,000,000	950,000	9,000,000	5,450,000	25,500,000
Total	$1,100,000	90,000,000	5,950,000	57,000,000	19,450,000	173,500,000

[a] All value figures are estimates based on limited information.
[b] Does not include test fisheries.
[c] These figures are included in the South Peninsula and total Alaska Peninsula and Aleutian Islands Areas.

Table 6. Salmon catches by Management Area and district for each gear type, 1994.[a]

	Number Of Salmon					
	Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTHEASTERN DISTRICT						
Seine	3,985	437,744	153,272	2,017,793	497,447	3,110,241
Set Gillnet	656	505,250	49,510	205,363	83,809	844,588
Total	4,641	942,994	202,782	2,223,156	581,256	3,954,829
SOUTH CENTRAL DISTRICT						
Seine	129	17,912	2,759	1,676,340	313,925	2,011,065
Set Gillnet	1	16,276	85	5,229	3,739	25,330
Total	130	34,188	2,844	1,681,569	317,664	2,036,395
SOUTHWESTERN DISTRICT						
Seine	841	186,680	5,309	3,845,198	880,081	4,918,109
Drift Gillnet	230	97,216	25,166	73,738	46,992	243,342
Set Gillnet	231	104,629	13,686	89,895	35,296	243,737
Total	1,302	388,525	44,161	4,008,831	962,369	5,405,188
UNIMAK DISTRICT						
Seine	2,550	425,171	1,717	1,188,180	207,308	1,824,926
Drift Gillnet	806	292,021	173	38,193	108,800	439,993
Set Gillnet	45	8,110	9	3,774	1,513	13,451
Total	3,401	725,302	1,899	1,230,147	317,621	2,278,370
SOUTH PENINSULA TOTAL						
Seine	7,505	1,067,507	163,057	8,727,511	1,898,761	11,864,341
Drift Gillnet	1,036	389,237	25,339	111,931	155,792	683,335
Set Gillnet	933	634,265	63,290	304,261	124,357	1,127,106
Total	9,474	2,091,009	251,686	9,143,703	2,178,910	13,674,782
NORTHWESTERN DISTRICT						
Seine	6	11,746	16,423	187,738	36,591	252,504
Drift Gillnet	8	11,262	866	361	2,892	15,389
Set Gillnet	3	11,866	36	37	756	12,698
Total	17	34,874	17,325	188,136	40,239	280,591
NORTHERN DISTRICT						
Seine	97	20,027	0	51	1,031	21,206
Drift Gillnet	13,356	2,454,676	167,866	36,493	38,642	2,711,033
Set Gillnet	5,176	243,332	56,058	706	3,881	309,153
Total	18,629	2,718,035	223,924	37,250	43,554	3,041,392
NORTH PENINSULA TOTAL						
Seine	103	31,773	16,423	187,789	37,622	273,710
Drift Gillnet	13,364	2,465,938	168,732	36,854	41,534	2,726,422
Set Gillnet	5,179	255,198	56,094	743	4,637	321,851
Total	18,646	2,752,909	241,249	225,386	83,793	3,321,983
ALASKA PENINSULA TOTAL						
Seine	7,608	1,099,280	179,480	8,915,300	1,936,383	12,138,051
Drift Gillnet	14,400	2,855,175	194,071	148,785	197,326	3,409,757
Set Gillnet	6,112	889,463	119,384	305,004	128,994	1,448,957
Total	28,120	4,843,918	492,935	9,369,089	2,262,703	16,996,765
ALEUTIAN ISLANDS AREA						
Seine	0	47	6	858,787	617	859,457
Total	0	47	6	858,787	617	859,457
ATKA-AMLIA ISLANDS AREA (AREA F)						
Set Gillnet	0	16	0	896	0	912
Total	0	16	0	896	0	912

-Continued-

Table 6. (page 2 of 2)

	Number Of Salmon					
	Chinook	Sockeye	Coho	Pink	Chum	Total
TOTAL ALASKA PENINSULA-ALEUTIAN ISLANDS AND ATKA-AMLIA ISLANDS AREAS						
Seine	7,608	1,099,343	179,486	9,774,983	1,937,000	12,998,420
Drift Gillnet	14,400	2,855,175	194,071	148,785	197,326	3,409,757
Set Gillnet	6,112	889,479	119,384	305,900	128,994	1,449,869
Total	28,120	4,843,997	492,941	10,229,668	2,263,320	17,858,046

[a]Figures do not include test fish catches.

Table 7. Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas salmon catch by gear, species, and estimated value, 1994[a].

	Chinook		Sockeye		Coho		Pink		Chum		Total	
	Number	Est. Value	Number	Est. Value	Number	Est. Value	Number	Est. Value	Number	Est. Value	Number	Est. Value
Area M												
Seine	7,608	61,000	1,099,280	5,119,000	179,480	654,000	8,915,300	5,016,000	1,936,383	3,237,000	12,138,051	14,087,000
Drift Gillnet	5,768	75,000	2,852,844	16,436,000	90,871	482,000	148,741	52,000	197,113	347,000	3,295,337	17,392,000
Set Gillnet	3,409	50,930	885,911	5,389,100	107,322	583,765	304,108	156,630	128,907	269,570	1,429,657	6,449,995
Total	16,785	186,930	4,838,035	26,944,100	377,673	1,719,765	9,368,149	5,224,630	2,262,403	3,853,570	16,863,045	37,928,995
Area T												
Drift Gillnet	8,618	96,500	2,294	9,500	103,200	529,000	44	20	213	330	114,369	635,350
Set Gillnet	2,717	30,500	3,536	14,800	12,062	65,000	0	0	87	120	18,402	110,420
Total	11,335	127,000	5,830	24,300	115,262	594,000	44	20	300	450	132,771	745,770
Area F												
Set Gillnet	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total												
Seine	7,608	61,000	1,099,280	5,119,000	179,480	654,000	8,915,300	5,016,000	1,936,383	3,237,000	12,138,051	14,087,000
Drift Gillnet	14,386	171,500	2,855,138	16,445,500	194,071	1,011,000	148,785	52,020	197,326	347,330	3,409,706	18,027,350
Set Gillnet	6,126	81,430	889,463	5,403,900	119,384	648,765	305,004	156,630	128,994	269,690	1,448,971	6,560,415
Total	28,120	313,930	4,843,881	26,968,400	492,935	2,313,765	9,369,089	5,224,650	2,262,703	3,854,020	16,996,728	38,674,765

[a] Figures do not include test fish catches.

Table 8. Number of limited entry permits[a] and fishing effort[b] in the Alaska Peninsula Management Area, 1984-1994.

	PURSE SEINE		DRIFT GILLNET			SET GILLNET		
Year	Area M Permits[a] Available	Area M Permits Fished	Area M Permits Available	Area M Permits[c] Fished	Area T Permits Fished	Area M Permits Available	Area M Permits[c] Fished	Area T Permits Fished
1984	125	121	165	158	44	114	103	15
1985	125	123	165	158	44	114	103	18
1986	125	121	165	163	37	114	100	7
1987	125	116	165	163	48	114	108	9
1988	125	114	165	162	59	114	106	14
1989	125	119	165	158	64	114	111	18
1990	126	121	164	166	63	114	114	15
1991	126	126	164	162	68	114	111	12
1992	125	119	164	161	102	114	111	18
1993	125	123	164	162	50	114	114	11
1994	125	118	164	164	77	114	108	9
1984-93 Average	125	120	164	161	58	114	108	14

[a] Includes both permanent permits and interim use permits.
[b] Making at least one delivery during the year.
[c] During a portion of the season, in specific sections, Area T set and drift gillnet fishermen are allowed to fish in portions of the Alaska Peninsula Area.

Table 9. Units of gear used in the Alaska Peninsula Management Area, 1984-1994.[a]

Year	Seiners Fishing South Unimak & Shumagin Is. During June	Seiners Fishing Unalaska Only	Seiners Fishing North Peninsula Only During June	Total June Seiners
1984	101	0	3	121
1985	107	1	0	123
1986	99	2	4	121
1987	86	1	4	116
1988	90	2	3	114
1989	99	2	2	119
1990	109	2	2	121
1991	112	1	0	120
1992	112	0	0	119
1993	116	0	1	123
1994	114	1	0	119
1984-93 Average	103	1	2	120

Year	Drift Gillnets Fishing South Unimak During June	Drift Gillnets Fishing North Peninsula Only During June (M)	Total Area M Drift Gillnetters
1984	147	11	158
1985	150	9	158
1986	156	7	163
1987	144	19	163
1988	148	14	162
1989	145	13	158
1990	153	14	166
1991	157	5	162
1992	141	20	161
1993	140	22	162
1994	145	19	164
1984-93 Average	148	13	161

Year	Inner Port Heiden Spring Drift Gillnetters (Area T)	Inner Port Heiden Fall Only Drift Gillnetters (Area T)	Total Inner Port Heiden Drift Gillnetters
1984	19	0	19
1985	20	5	25
1986	18	5	23
1987	20	3	23
1988	20	8	28
1989	17	5	22

-Continued-

Table 9. (page 2 of 3)

Year	Inner Port Heiden Spring Drift Gillnetters (Area T)	Inner Port Heiden Fall Only Drift Gillnetters (Area T)	Total Inner Port Heiden Drift Gillnetters
1990	24	4	28
1991	17	5	22
1992	18	2	20
1993	17	0	17
1994	14	4	18
1984-93 Average	19	4	23

Year	Area T Drift Gillnetters Fishing Ilnik & Outer Port Heiden Sections	Area T Drift Gillnetters Fishing Cinder River Section Exclusive Of Ilnik & Port Heiden
1984	8	25
1985	0	23
1986	15	1
1987	17	10
1988	22	18
1989	34	15
1990	0	39
1991	0	50
1992	0	85
1993	0	34
1994	0	60
1984-93 Average	10	30

Year	Total Area T Drift Gillnetters (Season)
1984	44
1985	44
1986	37
1987	48
1988	59
1989	64
1990	63
1991	68
1992	102
1993	50
1994	77
1984-93 Average	58

-Continued-

Table 9. (page 3 of 3)

Set Gillnetters (AREA M)

Year	Sand Point	South Unimak	North Unimak (only)	South Peninsula (Post June only)	Nelson Lagoon	Port Moller through Port Heiden	Total Area M
1984	52	6	0	9	30	8	103
1985	53	10	0	10	31	8	103
1986	47	10	0	8	33	7	100
1987	58	12	0	2	33	6	108
1988	57	11	0	7	30	6	106
1989	62	27	0	10	29	6	111
1990	66	19	0	19	30	4	114
1991	67	17	0	3	30	5	111
1992	63	29	0	5	30	4	111
1993	67	25	0	8	30	2	114
1994	62	28	0	7	30	3	108
1984-93 Average	59	17	0	9	31	6	108

Set Gillnetters (AREA T)

Year	Inner Port Heiden	Cinder River	Total Area T
1984	4	11	15
1985	6	11	18
1986	7	0	7
1987	5	4	9
1988	7	7	14
1989	5	13	18
1990	5	11	15
1991	4	8	12
1992	4	14	18
1993	3	8	11
1994	2	7	9
1984-93 Average	5	9	14

[a] During July and August some gillnet (both drift and set) fishermen who have seine permits hand purse seine pink and chum salmon. Four Sand Point set gillnetters listed are seiners during most of the year.

Table 10. Alaska Peninsula total indexed salmon escapements by species and year, 1962-94.

Year	Area	Chinook	Sockeye	Coho	Pink	Chum	Total
1962	South Peninsula		18,800		1,598,800	399,400	2,017,000
	North Peninsula	4,400	351,200		4,000	150,900	510,500
	Total	4,400	370,000		1,602,800	550,300	2,527,500
1963	South Peninsula		23,000		1,317,900	446,700	1,787,600
	North Peninsula	6,200	351,000		4,400	203,200	564,800
	Total	6,200	374,000		1,322,300	649,900	2,352,400
1964	South Peninsula		15,700		1,436,400	454,800	1,906,900
	North Peninsula	25,900	419,900		15,100	156,100	617,000
	Total	25,900	435,600		1,451,500	610,900	2,523,900
1965	South Peninsula		12,100		1,035,400	228,000	1,275,500
	North Peninsula	22,100	238,400		900	49,300	310,700
	Total	22,100	250,500		1,036,300	277,300	1,586,200
1966	South Peninsula		17,000		719,400	422,000	1,158,400
	North Peninsula	8,200	283,300		2,000	149,000	442,500
	Total	8,200	300,300		721,400	571,000	1,600,900
1967	South Peninsula		16,200		445,500	182,900	644,600
	North Peninsula	12,200	299,700		700	122,600	435,200
	Total	12,200	315,900		446,200	305,500	1,079,800
1968	South Peninsula		12,800		823,300	279,100	1,115,200
	North Peninsula	15,800	251,300		26,500	250,800	544,400
	Total	15,800	264,100		849,800	529,900	1,659,600
1969	South Peninsula		29,500		2,474,900	134,600	2,639,000
	North Peninsula	19,500	575,000		4,400	146,800	745,700
	Total	19,500	604,500		2,479,300	281,400	3,384,700
1970	South Peninsula		16,500		1,298,900	280,500	1,595,900
	North Peninsula	8,300	451,500		11,100	169,800	640,700
	Total	8,300	468,000		1,310,000	450,300	2,236,600
1971	South Peninsula		19,400		702,700	343,200	1,065,300
	North Peninsula	5,200	435,100		8,600	109,400	558,300
	Total	5,200	454,500		711,300	452,600	1,623,600
1972	South Peninsula		11,900		111,400	254,500	377,800
	North Peninsula	5,000	190,200		1,300	124,000	320,500
	Total	5,000	202,100		112,700	378,500	698,300
1973	South Peninsula		7,300		110,800	505,500	623,600
	North Peninsula	4,300	180,200		200	122,400	307,100
	Total	4,300	187,500		111,000	627,900	930,700
1974	South Peninsula		95,600		284,400	257,300	637,300
	North Peninsula	3,000	332,800		23,000	105,100	463,900
	Total	3,000	428,400		307,400	362,400	1,101,200
1975	South Peninsula		51,700		552,100	193,300	797,100
	North Peninsula	4,600	516,800		600	109,200	631,200
	Total	4,600	568,500		552,700	302,500	1,428,300

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Table 10. (page 2 of 3)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1976	South Peninsula		69,700		1,456,400	327,200	1,853,300
	North Peninsula	6,000	532,600		37,300	293,400	869,300
	Total	6,000	602,300		1,493,700	620,600	2,722,600
1977	South Peninsula		64,900		2,677,800	774,900	3,517,600
	North Peninsula	7,100	541,100		8,500	681,200	1,237,900
	Total	7,100	606,000		2,686,300	1,456,100	4,755,500
1978	South Peninsula		64,800		2,858,700	600,500	3,524,000
	North Peninsula	13,700	1,213,500		96,800	310,500	1,634,500
	Total	13,700	1,278,300		2,955,500	911,000	5,158,500
1979	South Peninsula		53,300		2,629,500	411,100	3,093,900
	North Peninsula	15,800	1,574,000		9,300	305,300	1,904,400
	Total	15,800	1,627,300		2,638,800	716,400	4,998,300
1980	South Peninsula		45,900		2,641,600	362,400	3,049,900
	North Peninsula	11,000	1,387,600		103,600	769,500	2,271,700
	Total	11,000	1,433,500		2,745,200	1,131,900	5,321,600
1981	South Peninsula		45,700		2,307,500	381,300	2,734,500
	North Peninsula	12,400	1,347,900		6,100	535,200	1,901,600
	Total	12,400	1,393,600		2,313,600	916,500	4,636,100
1982	South Peninsula		39,200		2,293,000	386,900	2,719,100
	North Peninsula	20,000	718,400		51,700	457,600	1,247,700
	Total	20,000	757,600		2,344,700	844,500	3,966,800
1983	South Peninsula		59,200		851,200	446,500	1,356,900
	North Peninsula	25,700	580,300		4,000	392,600	1,002,600
	Total	25,700	639,500		855,200	839,100	2,359,500
1984	South Peninsula		54,800		3,811,600	699,700	4,566,100
	North Peninsula	17,700	826,000		56,600	870,200	1,770,500
	Total	17,700	880,800		3,868,200	1,569,900	6,336,600
1985	South Peninsula		49,900		1,614,100	503,400	2,167,400
	North Peninsula	12,900	898,100		1,400	344,200	1,256,600
	Total	12,900	948,000		1,615,500	847,600	3,424,000
1986	South Peninsula		48,000		1,716,700	544,600	2,309,300
	North Peninsula	8,700	580,300		13,300	243,600	845,900
	Total	8,700	628,300		1,730,000	788,200	3,155,200
1987	South Peninsula		44,600		1,540,500	620,700	2,205,800
	North Peninsula	10,700	556,000		100	510,900	1,077,700
	Total	10,700	600,600		1,540,600	1,131,600	3,283,500
1988	South Peninsula		74,100		2,839,600	496,400	3,410,100
	North Peninsula	11,700	614,900	250,000	43,500	500,300	1,420,400
	Total	11,700	689,000	250,000	2,883,100	996,700	4,830,500
1989	South Peninsula		78,100		1,870,900	310,500	2,259,500
	North Peninsula	5,600	814,400	175,000	1,900	212,300	1,209,200
	Total	5,600	892,500	175,000	1,872,800	522,800	3,468,700

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Table 10. (page 3 of 3)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1990	South Peninsula		95,300	87,500	1,598,400	354,700	2,135,900
	North Peninsula	7,100	1,032,200	157,500	132,200	226,400	1,555,400
	Total	28,800	4,814,900	500,100	3,666,400	364,600	0,374,800
1991	South Peninsula		124,900		2,946,800	587,600	3,659,300
	North Peninsula	9,600	1,317,300		6,300	303,300	1,636,500
	Total	9,600	1,442,200		2,953,100	890,900	5,295,800
1992	South Peninsula		97,600		2,834,400	335,500	3,267,500
	North Peninsula	6,600	861,300		207,600	351,700	1,427,200
	Total	6,600	958,900		3,042,000	687,200	4,694,700
1993	South Peninsula		100,341		2,990,140	397,030	3,487,511
	North Peninsula	13,745	1,003,848		72,830	402,380	1,492,803
	Total	13,745	1,104,189		3,062,970	799,410	4,980,314
1994	South Peninsula		120,255		3,071,725	579,100	3,771,080
	North Peninsula	38,400	1,211,400		133,200	480,200	1,863,200
	Total	38,400	1,331,655		3,204,925	1,059,300	5,634,280
Average 1984-93							
	South Peninsula		76,764		2,376,314	485,013	2,946,841
	North Peninsula	10,435	850,435		53,573	396,528	1,369,220
	Total	10,435	927,199		2,429,887	881,541	4,316,061
Average 1974-93							
	South Peninsula		67,882		2,115,767	449,577	2,637,601
	North Peninsula	11,182	862,467		43,832	396,244	1,342,850
	Total	11,182	930,349		2,159,599	845,821	3,980,451

Table 11. Subsistence salmon harvest by community and species, in number of fish, Alaska Peninsula Area and Unalaska Island, 1985-1994.

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
SAND POINT							
1985	60	30	1,410	1,686	420	1,146	4,692
1986	75	45	2,505	1,208	1,560	1,005	6,323
1987	84	87	2,018	1,508	1,160	1,114	5,887
1988	74	146	2,694	853	1,326	1,175	6,194
1989	86	53	6,347	1,050	731	1,149	9,330
1990	80	160	5,648	620	429	1,051	7,908
1991	84	420	6,636	1,092	1,260	2,772	12,180
1992	76	318	4,733	518	1,228	1,036	7,833
1993	76	446	6,435	952	671	996	9,500
1994	92	454	5,838	1,890	1,369	3,100	12,651
1985-93 Avg.	**77**	**189**	**4,270**	**1,054**	**976**	**1,272**	**7,761**
KING COVE							
1985	39	0	784	3,292	105	20	4,201
1986	24	2	1,834	919	14	120	2,889
1987	39	3	2,320	1,662	206	334	4,525
1988	28	3	555	2,855	265	43	3,721
1989	39	3	1,982	1,973	294	690	4,942
1990	43	24	1,054	2,832	265	367	4,542
1991	60	0	1,477	3,611	225	386	5,699
1992	61	9	1,452	2,891	327	1,177	5,856
1993	59	33	2,021	3,868	259	625	6,865
1994	48	43	2,249	3,247	370	679	6,588
1985-93 Avg.	**44**	**9**	**1,498**	**2,656**	**218**	**418**	**4,799**
COLD BAY							
1985	10	0	293	84	34	3	414
1986	18	0	184	264	14	26	488
1987	10	0	293	84	34	3	414
1988	24	0	737	66	2	0	805
1989	18	0	231	55	4	22	312
1990	14	0	322	70	1	22	415
1991	23	0	517	30	6	4	557
1992	15	0	336	38	0	0	374
1993	23	0	473	89	3	15	580
1994	16	0	325	88	4	3	420
1985-93 Avg.	**17**	**0**	**376**	**87**	**11**	**11**	**484**
FALSE PASS							
1985	10	30	578	1,858	13	395	2,874
1986	12	13	158	215	188	299	873
1987	12	14	103	443	163	389	1,112
1988	10	11	401	834	29	192	1,467
1989	7	0	231	55	4	22	312
1990	9	1	170	193	19	79	462
1991	17	17	724	500	354	165	1,760
1992	12	12	1,082	502	242	248	2,086
1993	14	23	848	397	156	272	1,696
1994	14	36	906	318	347	354	1,961
1985-93 Avg.	**11**	**13**	**477**	**555**	**130**	**229**	**1,404**

-Continued-

Table 11. (page 2 of 3)

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
NELSON LAGOON/PORT MOLLER							
1985	9	5	207	252	2	0	466
1986	9	13	284	302	3	5	607
1987	10	22	245	254	5	14	540
1988	13	26	284	184	0	25	519
1989	9	21	250	227	0	11	509
1990	8	11	291	224	0	0	526
1991	8	20	370	139	1	4	534
1992	9	17	298	191	7	12	525
1993	11	16	561	230	9	26	842
1994	11	71	336	241	6	0	654
1985-93 Avg.	**10**	**17**	**310**	**223**	**3**	**11**	**563**
PORT HEIDEN							
1985	6	9	176	0	0	0	185
1986	4	28	282	0	0	0	310
1987	10	66	193	229	0	36	524
1988	10	69	268	134	23	105	599
1989	4	7	222	28	1	4	262
1990	3	21	107	20	0	27	175
1991	6	39	775	25	3	120	562
1992	3	21	104	10	0	25	160
1993	3	80	71	0	0	0	151
1994	2	24	196	0	0	50	270
1985-93 Avg.	**5**	**38**	**244**	**50**	**3**	**35**	**370**
ALASKA PENINSULA AREA LOCAL COMMUNITY RESIDENTS							
1985	134	74	3,448	7,172	574	1,564	12,832
1986	142	101	5,247	2,908	1,779	1,455	11,490
1987	185	192	5,499	4,251	1,547	1,941	13,430
1988	159	255	4,939	4,926	1,645	1,540	13,305
1989	163	88	9,368	3,433	1,205	1,923	16,017
1990	166	217	7,592	3,959	714	1,546	14,028
1991	198	457	9,998	5,413	1,820	3,372	21,060
1992	176	377	8,005	4,150	1,804	2,498	16,834
1993	186	598	10,409	5,536	1,098	1,934	19,575
1994	183	628	9,850	5,784	2,096	4,186	22,544
1985-93 Avg.	**168**	**262**	**7,167**	**4,639**	**1,354**	**1,975**	**15,397**
ALASKA PENINSULA AREA NON-LOCAL COMMUNITY RESIDENTS							
1985	27	0	589	332	0	2	923
1986	5	0	149	88	0	0	237
1987	6	1	278	8	0	2	289
1988	24	2	562	720	21	152	1,457
1989	25	0	1,036	72	8	181	1,297
1990	35	29	996	70	22	43	1,160
1991	51	1	1,347	138	58	179	1,723
1992	53	8	2,734	117	36	76	2,971
1993	76	17	2,069	217	91	63	2,457
1994	73	46	2,034	302	110	220	2,712
1985-93 Avg.	**34**	**6**	**1,084**	**196**	**26**	**78**	**1,390**
TOTAL ALASKA PENINSULA AREA							
1985	161	74	4,037	7,504	574	1,566	13,755
1986	147	101	5,396	2,996	1,779	1,455	11,727
1987	191	193	5,777	4,259	1,547	1,943	13,719
1988	183	257	5,501	5,646	1,666	1,692	14,762
1989	188	88	10,404	3,505	1,213	2,104	17,314
1990	201	246	8,588	4,029	736	1,589	15,188
1991	249	458	11,345	5,551	1,878	3,551	22,783
1992	229	385	10,739	4,267	1,840	2,574	19,805
1993	262	615	12,478	5,753	1,189	1,997	22,032
1994	256	674	11,884	6,086	2,206	4,406	25,256
1985-93 Avg.	**201**	**269**	**8,252**	**4,834**	**1,380**	**2,052**	**16,787**

-Continued-

Table 11. (page 3 of 3)

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
UNALASKA-ALEUTIAN ISLANDS LOCAL COMMUNITY RESIDENTS							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	74	1	962	390	2,626	83	4,062
1989	70	2	1,064	470	1,292	36	2,864
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	137	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1985-93 Avg.	**97**	**3**	**1,854**	**547**	**1,586**	**106**	**4,097**
UNALASKA-ALEUTIAN ISLANDS NON-LOCAL COMMUNITY RESIDENTS							
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0
1988	3	2	4	0	1	0	7
1989	4	0	48	0	0	0	48
1990	2	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	2	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1985-93 Avg.	**1**	**0**	**6**	**0**	**0**	**0**	**6**
TOTAL UNALASKA-ALEUTIAN ISLANDS AREA							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	77	3	966	390	2,627	83	4,069
1989	74	2	1,112	470	1,292	36	2,912
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	139	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1985-93 Avg.	**98**	**4**	**1,860**	**547**	**1,586**	**106**	**4,103**

Table 12. Subsistence salmon harvest by community and species, in number of fish, 1994.

Community	Permits Issued	Permits Returned	Percent Returned	Estimated Catch					
				Chinook	Sockeye	Coho	Pink	Chum	Total
Sand Point	92	77	83.7	454	5,838	1,890	1,369	3,100	12,651
King Cove	48	39	81.1	43	2,249	3,247	370	679	6,588
Cold Bay	16	14	87.5	0	325	88	4	3	420
False Pass	14	12	85.7	36	906	318	347	354	1,961
Nelson Lagoon	11	10	90.9	71	336	241	6	0	654
Port Heiden	2	1	50.0	24	196	0	0	50	270
Total Alaska Peninsula Residents	**183**	**153**	**83.6**	**628**	**9,850**	**5,784**	**2,096**	**4,186**	**22,544**
Non-local Alaska Residents	73	60	82.2	46	2,034	302	110	220	2,712
Total Alaska Peninsula Area	**256**	**213**	**83.2**	**674**	**11,884**	**6,086**	**2,206**	**4,406**	**25,256**
Unalaska									
Local Residents	150	120	80.0	1	2,759	774	1,053	48	4,635
Non-local Residents	0	0	0	0	0	0	0	0	0
Total Unalaska	**150**	**120**	**80.0**	**1**	**2,759**	**774**	**1,053**	**48**	**4,635**

Table 13. Adak-Kagalaska Islands estimated personal use salmon catches, 1988-1994.

Year	Permits Issued	Permits Returned	Percent Returned	Estimated Catch					
				Chinook	Sockeye	Coho	Pink	Chum	Total
1988	43	29	67.4	0	503	23	150	0	676
1989	64	47	73.3	0	382	0	117	0	499
1990	61	29	47.5	0	800	47	41	0	888
1991	37	31	86.5	0	281	6	34	0	321
1992	52	41	78.8	0	572	30	4	0	606
1993	36	26	72.2	0	638	12	26	0	676
1994[a]	0	0	0.0	0	0	0	0	0	0
1988-93 Average	49	34	69.4	0	529	20	62	0	611

[a] U.S. Navy presence at Adak was reduced; there were no requests for personal use salmon permits.

Table 14. Average subsistence salmon harvest, in number of fish, per successful permit holder, Alaska Peninsula Area and Unalaska Island, 1987-1994.

	Year								
Community	1987	1988	1989	1990	1991	1992	1993	Average	1994
Sand Point	101	119	123	152	176	140	173	141	151
King Cove	156	149	155	134	124	134	145	142	153
Cold Bay	43	38	25	32	29	25	39	33	38
False Pass	101	163	126	69	104	174	130	124	140
Nelson Lagoon/ Port Moller	77	58	57	66	67	77	84	69	65
Port Heiden	52	86	87	88	141	80	50	83	135
Unalaska Island	79	78	58	55	55	52	48	61	38

Table 15. Average subsistence salmon harvest by species, in percent, by successful permit holder, for selected locations, 1994.

	Number Of Salmon					
Community	Chinook	Sockeye	Coho	Pink	Chum	Total
Sand Point	3.6	46.2	14.9	10.8	24.5	100.0
King Cove	0.7	34.1	49.3	5.6	10.3	100.0
Cold Bay	0.0	77.4	21.0	0.9	0.7	100.0
False Pass	1.8	46.2	16.2	17.7	18.1	100.0
Nelson Lagoon	10.9	51.4	36.8	0.9	0.0	100.0
Port Heiden	8.9	72.6	0.0	0.0	18.5	100.0
Unalaska	0.0	59.5	16.7	22.7	1.1	100.0
Non-local Alaska Residents	1.7	75.0	11.1	4.1	8.1	100.0

Table 16. Mortensen's Lagoon subsistence and commercial sockeye and coho salmon harvests, in numbers of fish, 1994[a].

	Permits	Sockeye	Coho
Cold Bay Residents	11	325	88
King Cove Residents	1	15	35
Out of Area Residents	29	563	160
Total	41	903	283

[a] The number of permit holders and the number of salmon caught are extrapolated from returned permits.

	Permit Holders	Sockeye	Coho
Commercial Harvest[b]	9	4,894	124

[b] The commercial harvest includes all of statistical area 284-62 (formerly 283-32); some of the salmon caught may have been destined for systems other than Mortensen's Lagoon.

Escapements	
Sockeye (Indexed Total)	Coho (Peak Count)
4,300	No Data

Table 17. Thin Point Cove subsistence and commercial sockeye and coho salmon harvests, 1994.

Fishery	Estimated Permit Holders	Sockeye	Coho
Subsistence[a]	23	734	2,443
Commercial[b]	21	15,445	9,471
Total Harvest		16,179	11,914

[a] The number of subsistence permit holders fishing Thin Point Cove and the number of salmon harvested are extrapolated from returned permit. All subsistence fishermen using Thin Point Cove during 1994, were believed to be residents of King Cove.

[b] Commercial harvest information was from the fish ticket database.

The estimated total sockeye escapement was 25,000 salmon. The peak coho escapement estimate was 13,000 salmon.

Table 18. Reese Bay (Unalaska Island) sockeye subsistence salmon harvest, 1994.

Estimated Permits[a]	Sockeye
60	2,298

[a] The number of permit holders and salmon harvested are extrapolated from returned permits.

Table 19. Estimated Mortensen Lagoon, Thin Point Cove, and Reese Bay subsistence salmon harvest, 1982-1994.

	Mortensen's Lagoon			Thin Point Cove			Reese (Wislow) Bay	
Year	Permits	Sockeye	Coho	Permits	Sockeye	Coho	Permits	Sockeye
1982	30	590	1,145	-	-	-	-	-
1983	41	300	1,600	-	-	-	-	-
1984	27	745	500	-	-	-	-	-
1985	22	590	831	-	-	-	23	669
1986	12	362	178	15	1,586	656	54	2,824
1987	22	604	254	15	1,226	966	20	806
1988	21	737	66	17	488	2,196	21	792
1989	19	420	28	17	1,479	1,239	12	436
1990	27	745	95	29	751	2,578	12	1,421
1991	42	1,144	83	27	913	3,154	35	1,180
1992	34	851	104	23	547	927	59	2,479
1993	54	1,596	148	37	1,511	3,184	37	1,425
1994	41	903	283	23	734	2,443	60	2,298
1984-93 Avg.	28	779	229	18	850	1,490	27	1,203

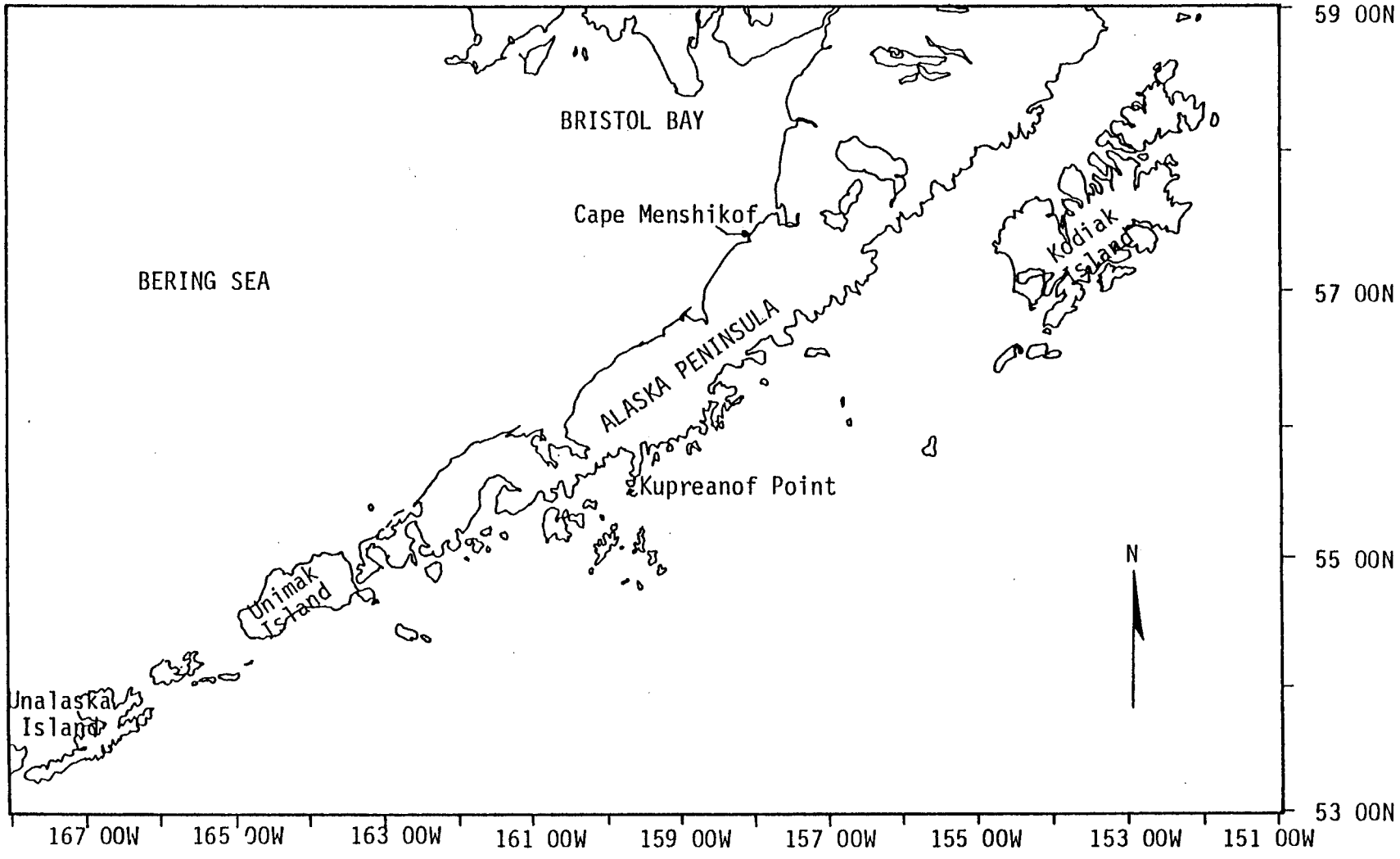

Figure 1. Map of the Alaska Peninsula and Aleutian Islands Areas; the study area on the Pacific portion of the map is from Kupreanof Point to Unalaska Island and on the Bering Sea from Unalaska Island to Cape Menshikof.

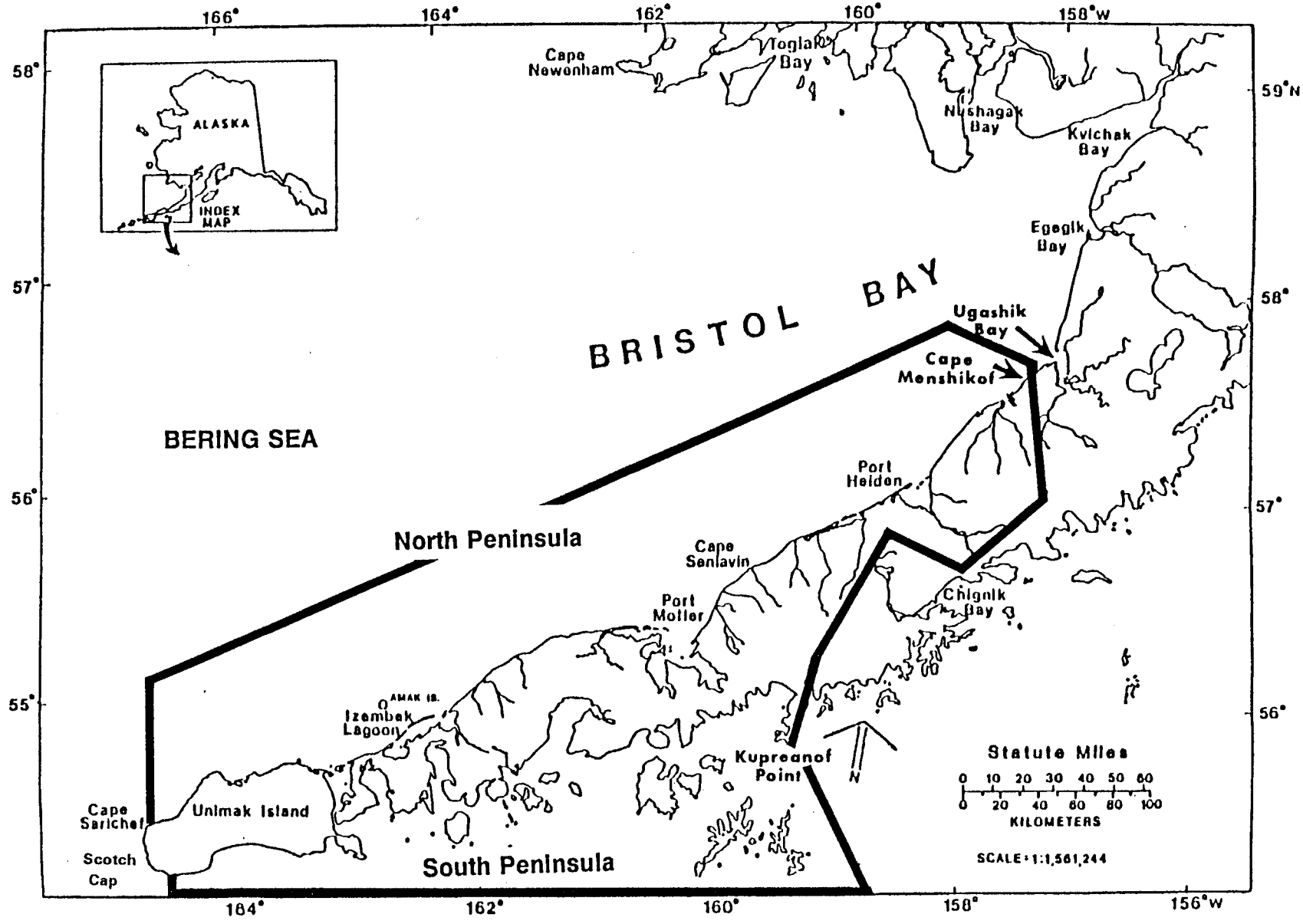

Figure 2. Map of the Alaska Peninsula Management Area, with the North and South Peninsula defined.

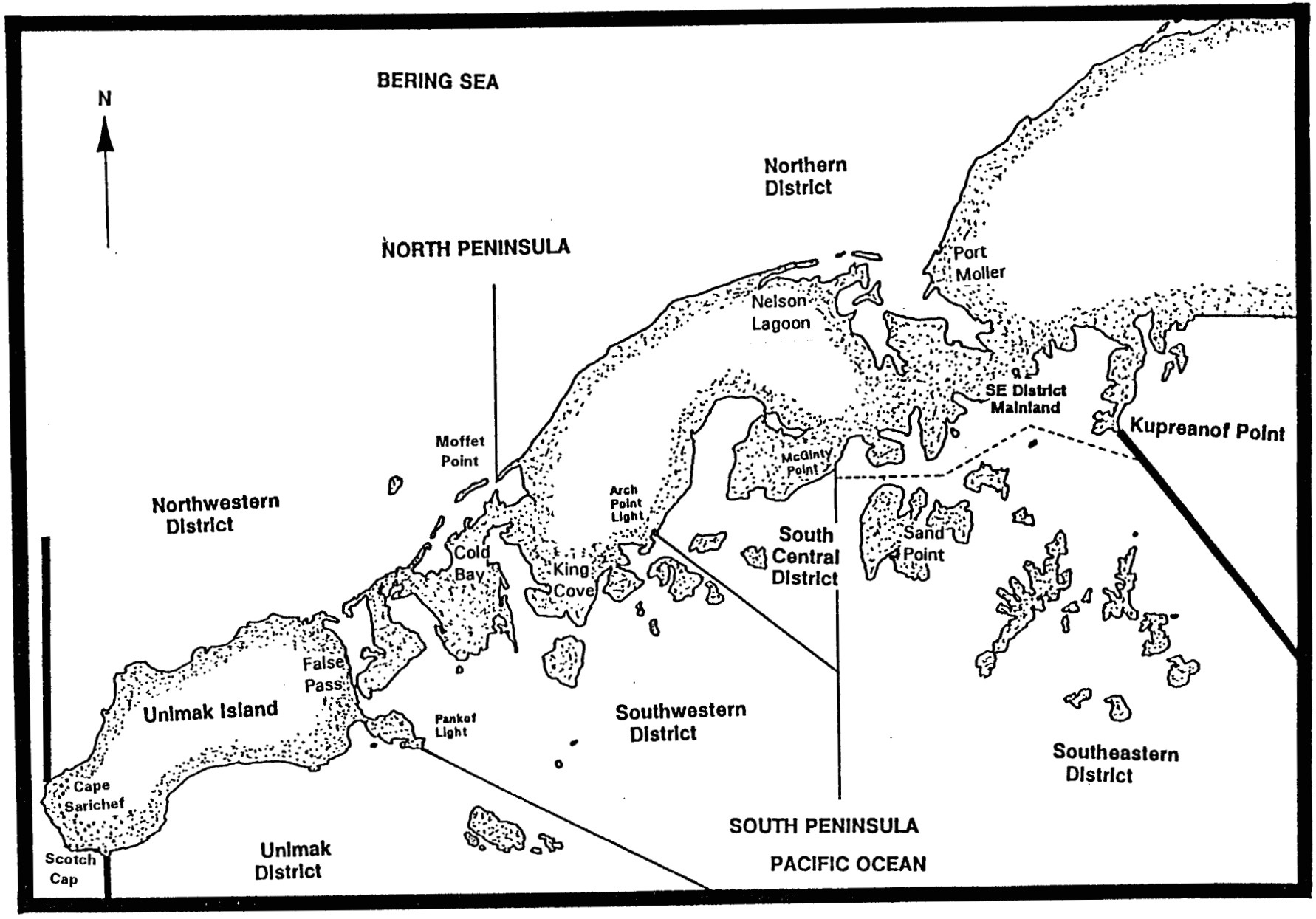

Figure 3. Map of the Alaska Peninsula Management Area with the salmon fishing districts defined.

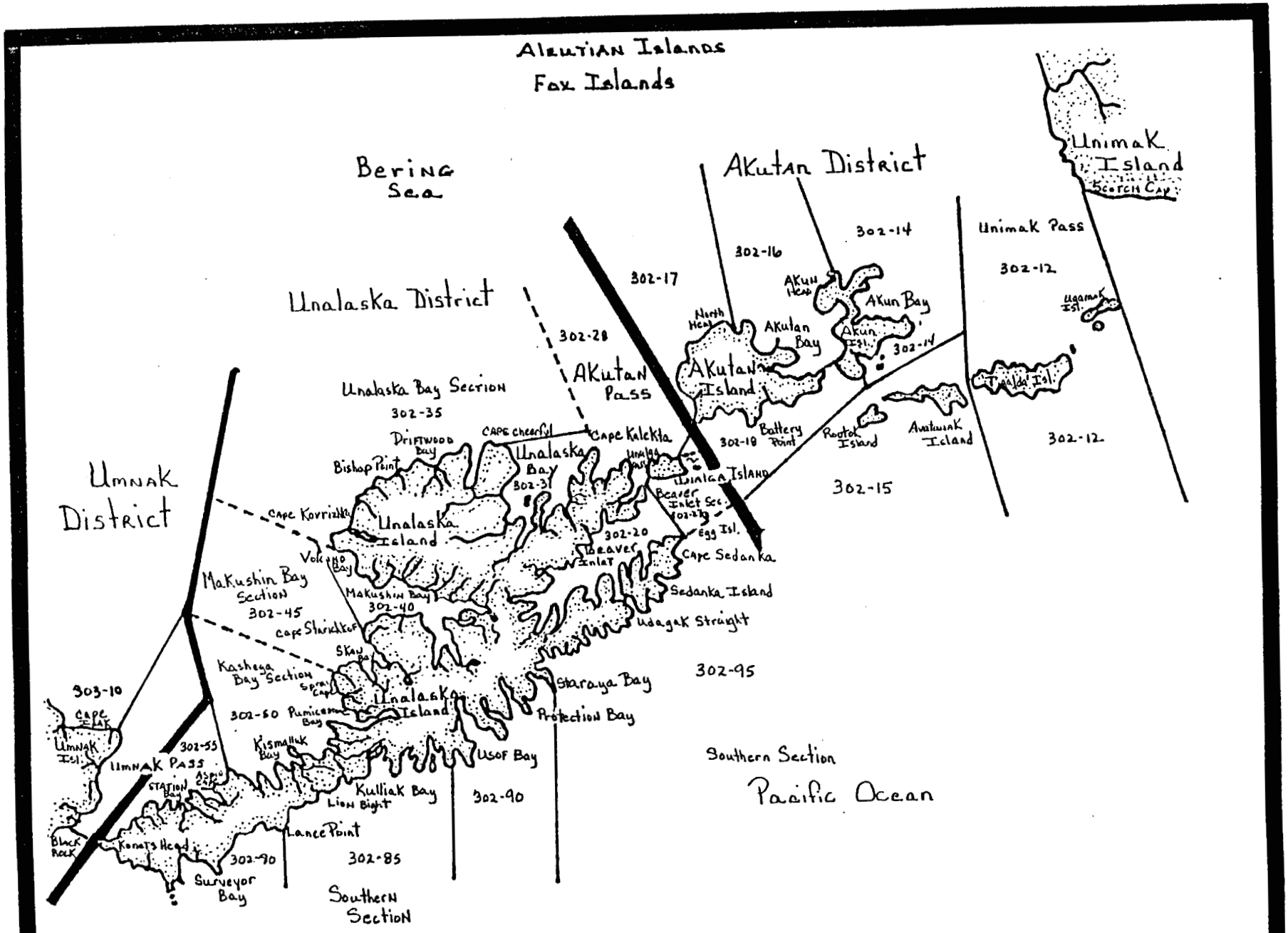

Figure 4. Map of the Aleutian Islands Management Area salmon harvest statistical areas from Unimak Island to Umnak Island.

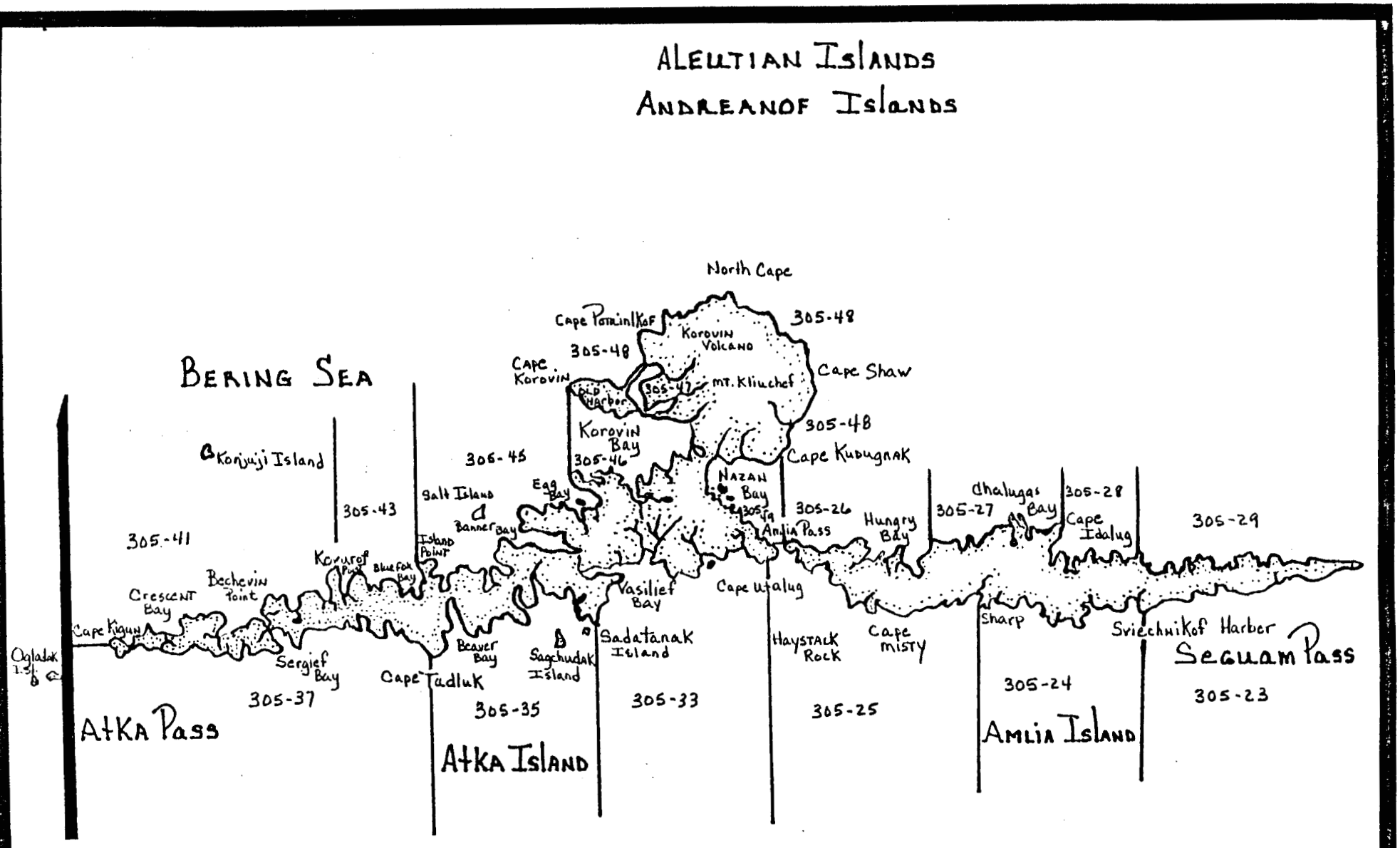

Figure 5. Map of the Atka-Amlia Management Area salmon harvest statistical areas from Seguam Pass to Atka Pass.

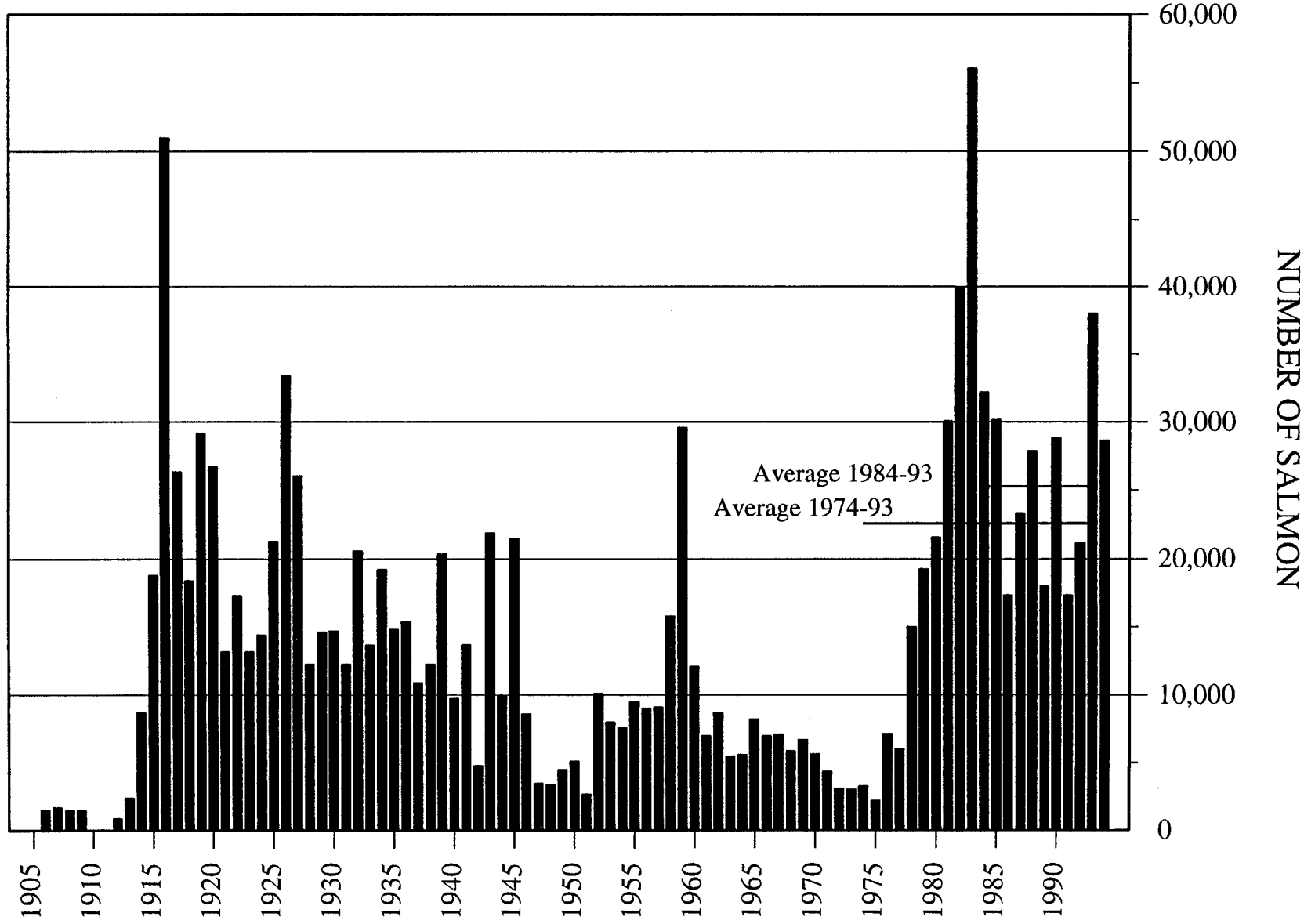

Figure 6. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas harvest of chinook salmon by year, 1906-94.

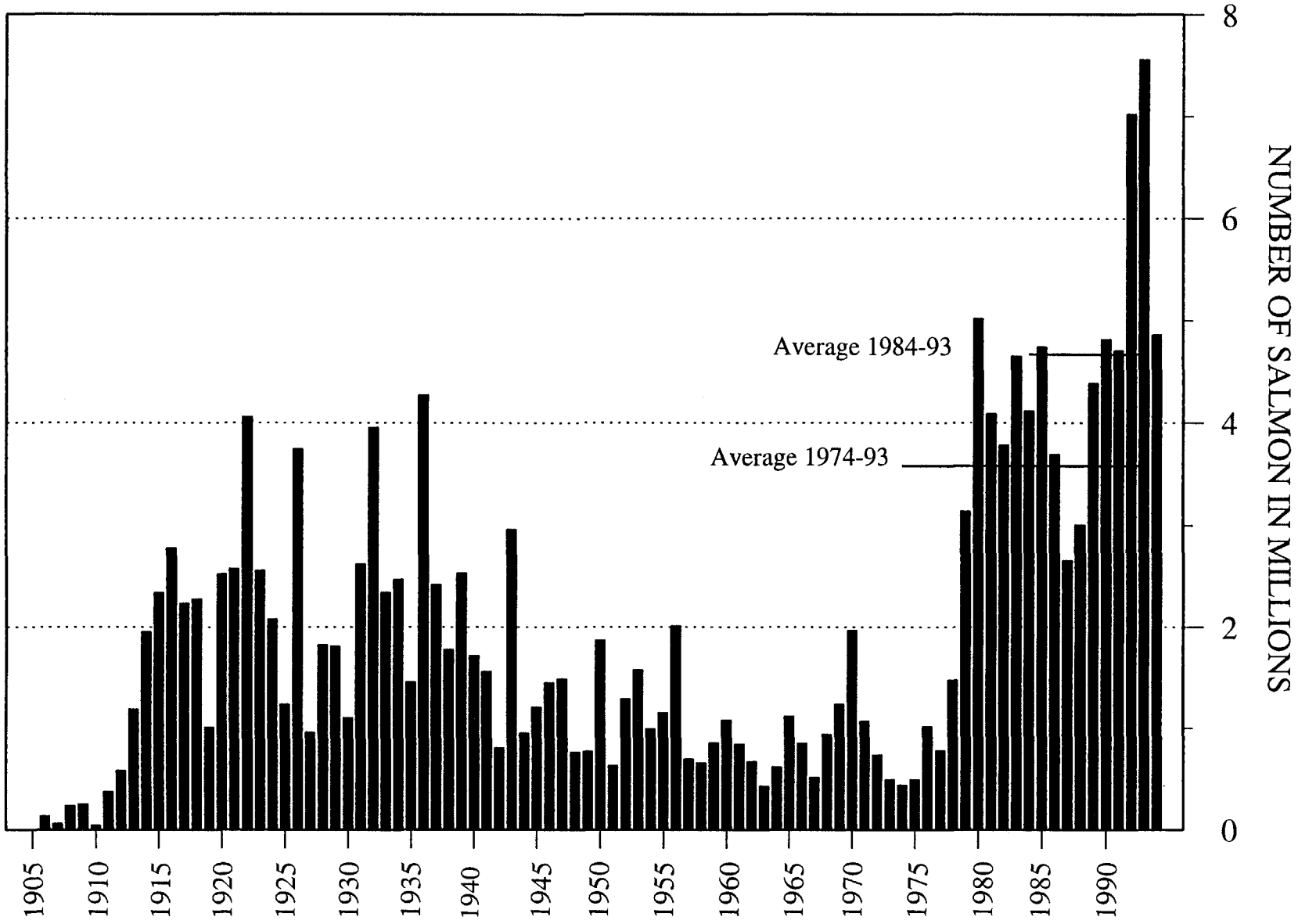

Figure 7. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas harvest of sockeye salmon by year, 1906-94.

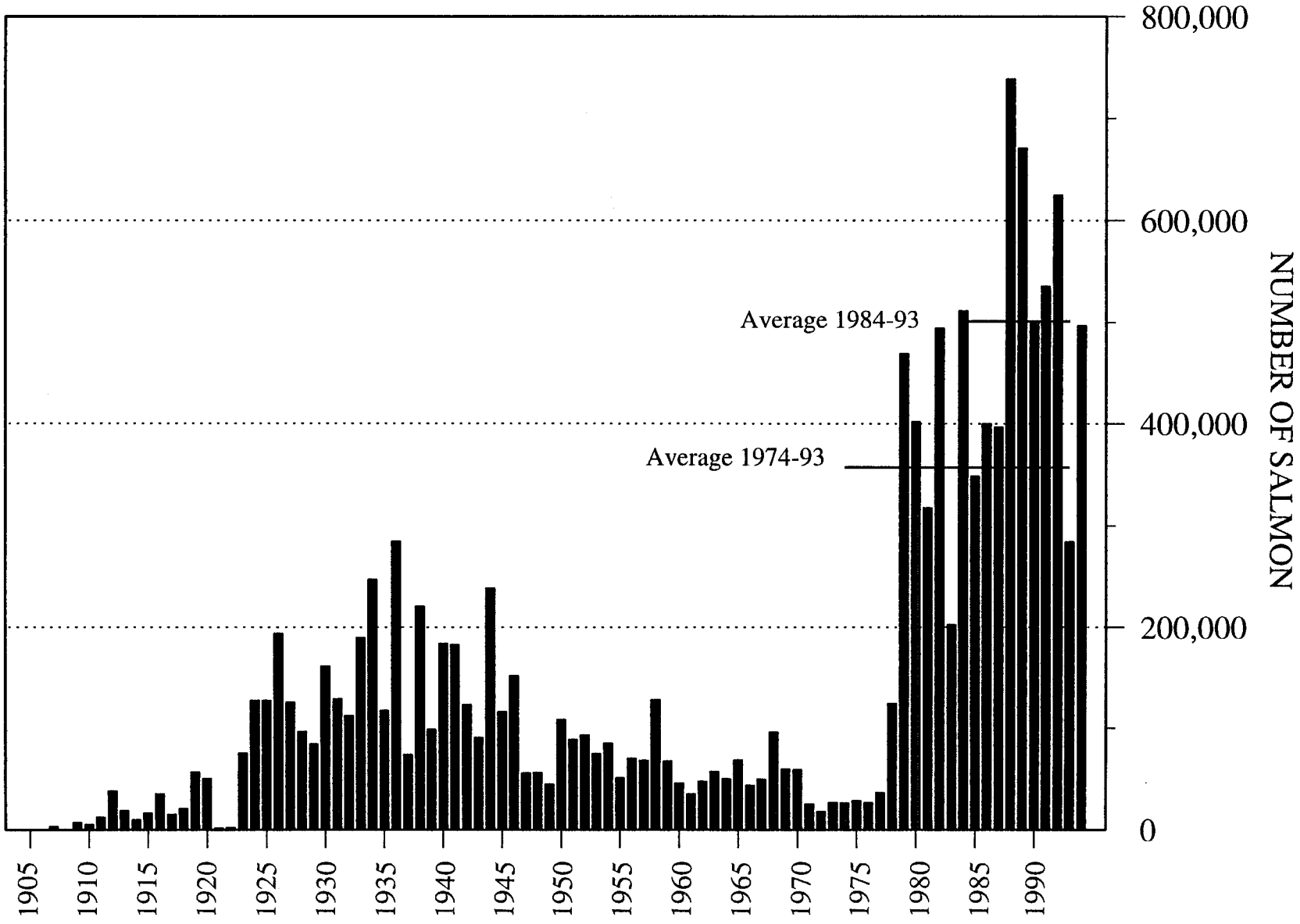

Figure 8. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas harvest of coho salmon by year, 1906-94.

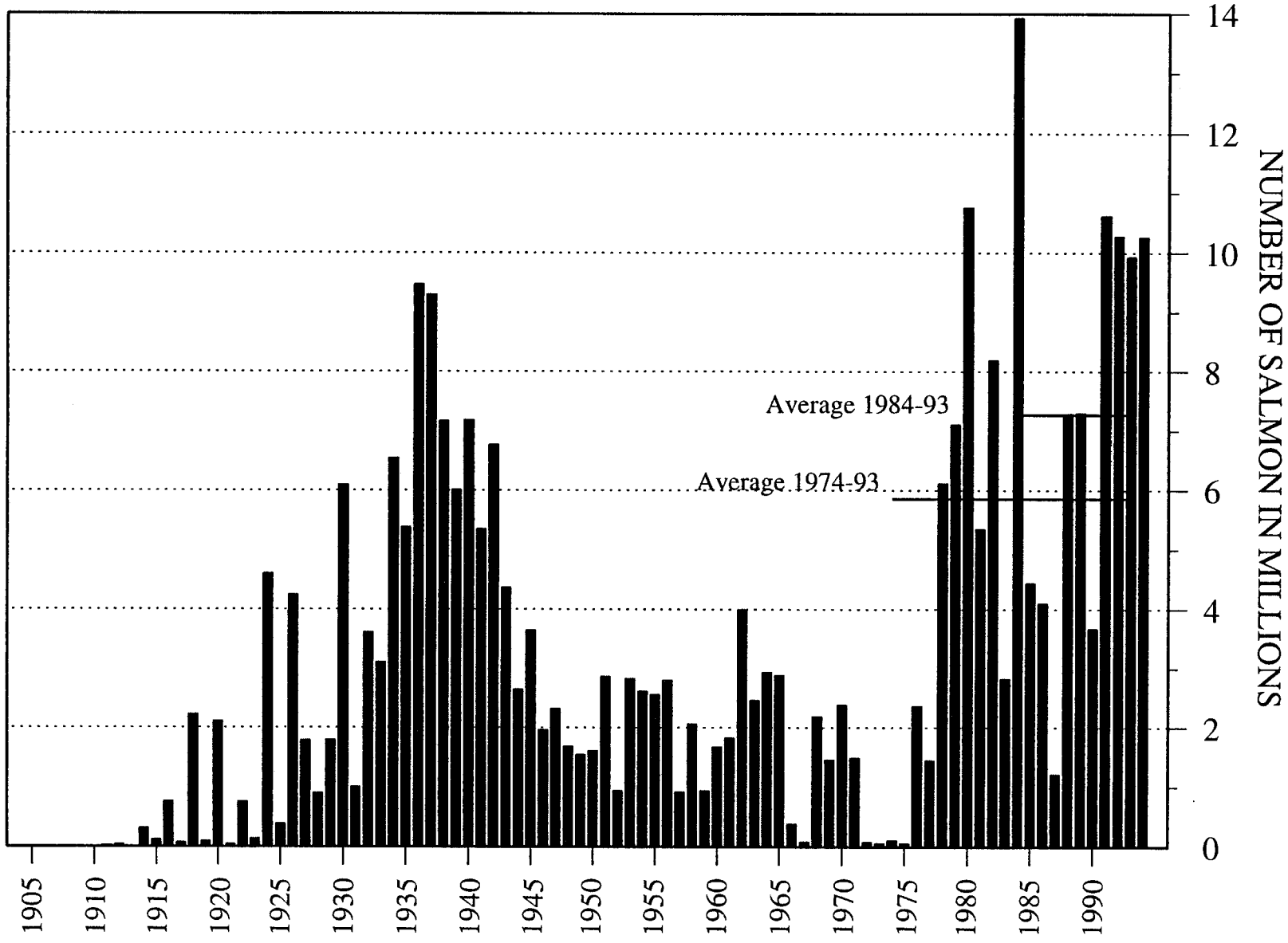

Figure 9. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas harvest of pink salmon by year, 1906-94.

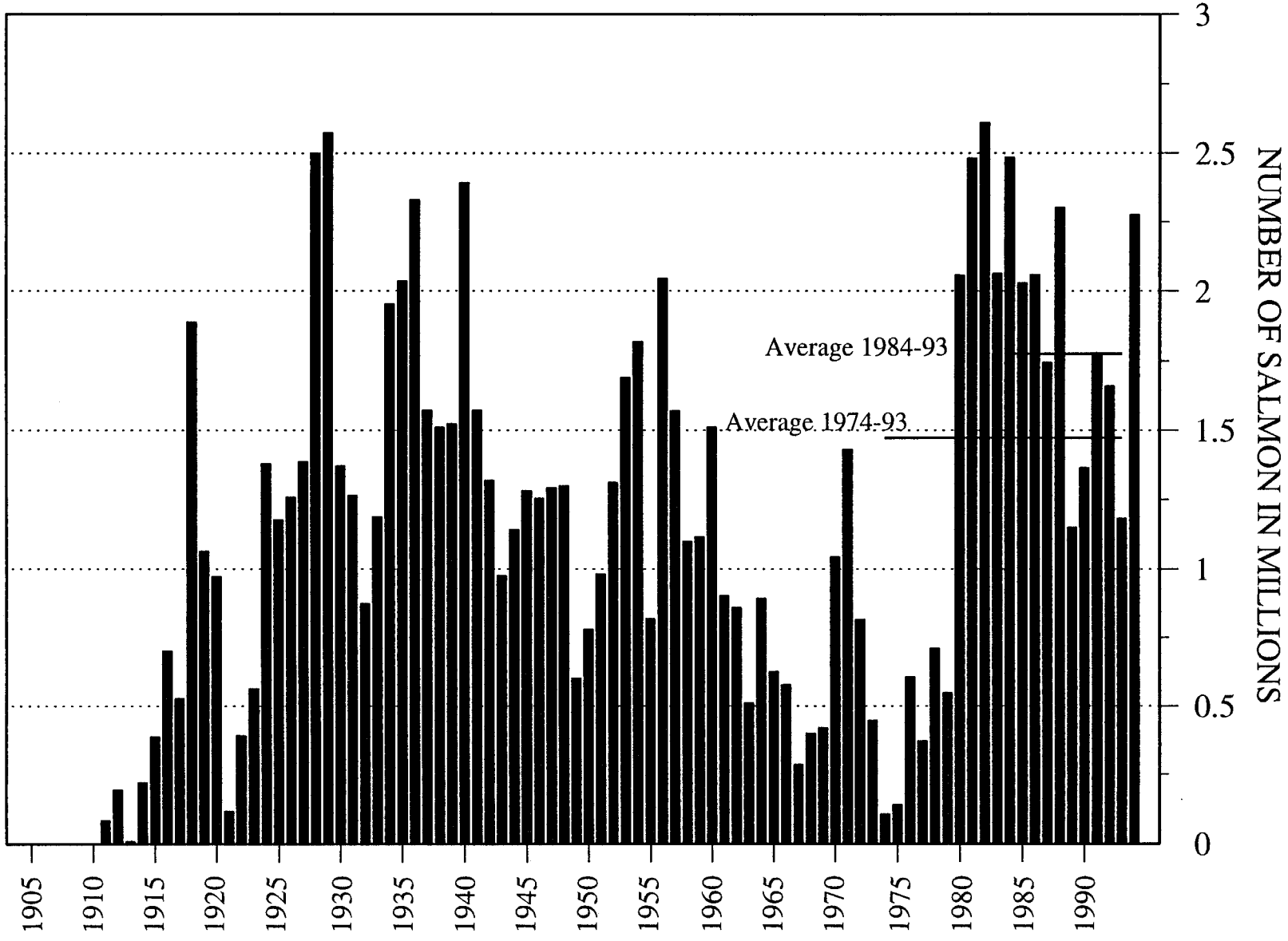

Figure 10. The combined Alaska Peninsula, Aleutian islands, and Atka-Amlia Management Areas harvest of chum salmon by year, 1906-94.

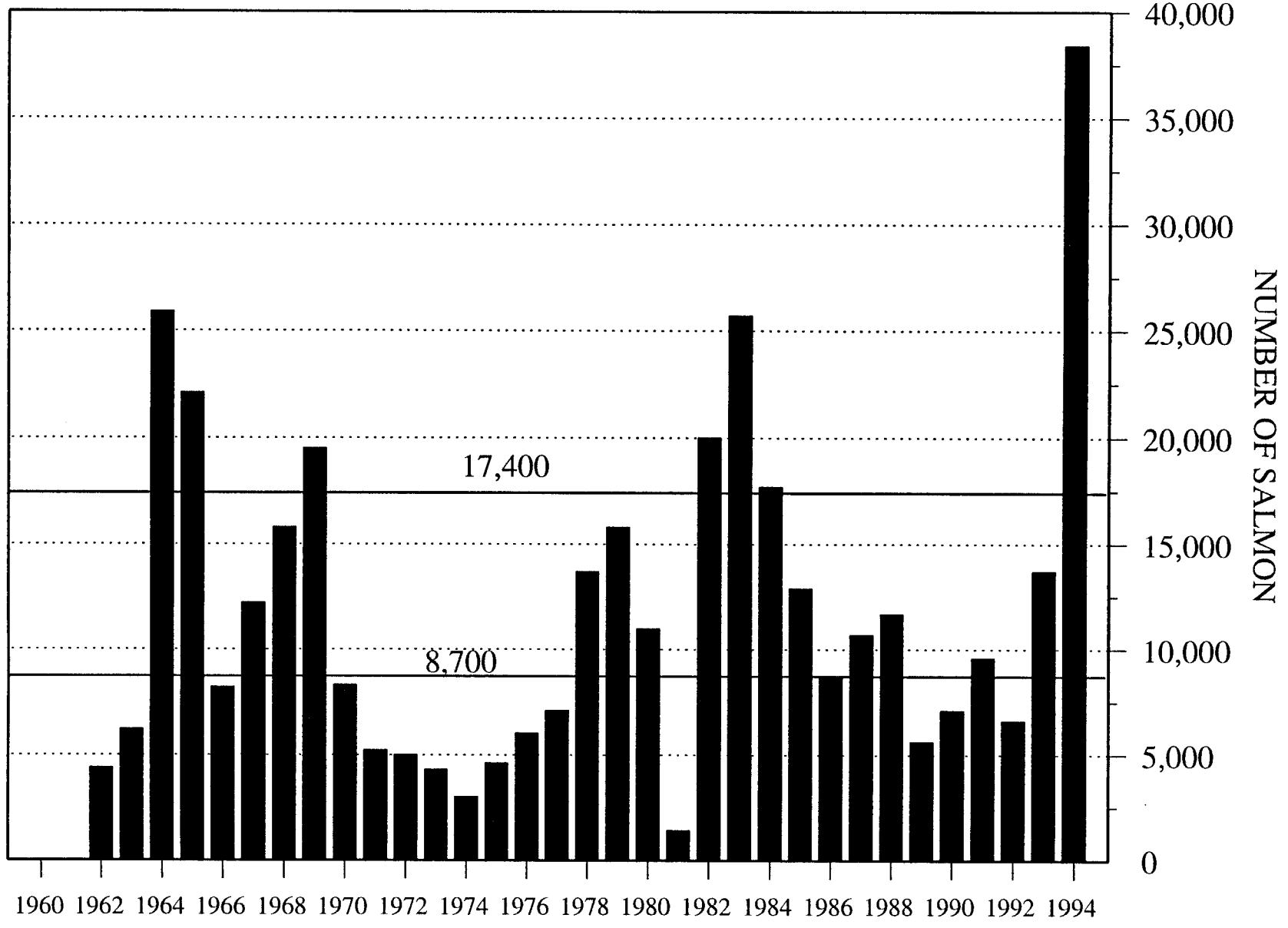

Figure 11. The Alaska Peninsula chinook salmon total indexed escapement by year, with the low (8,700) and high (17,400) escapement goals defined, 1962-94.

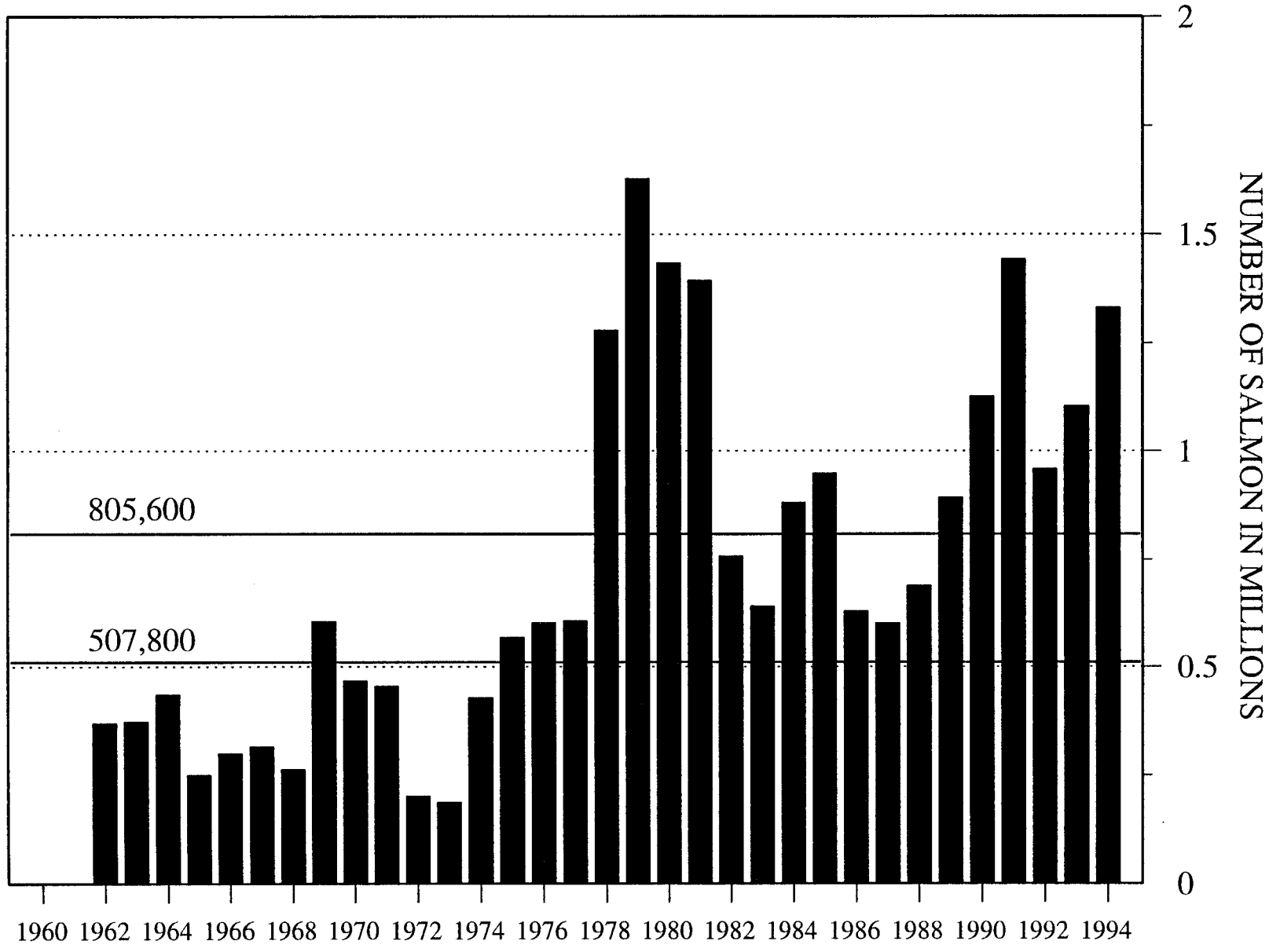

Figure 12. The Alaska Peninsula sockeye salmon total indexed escapement by year, with the low (507,800) and high (805,600) escapement goals defined, 1962-94.

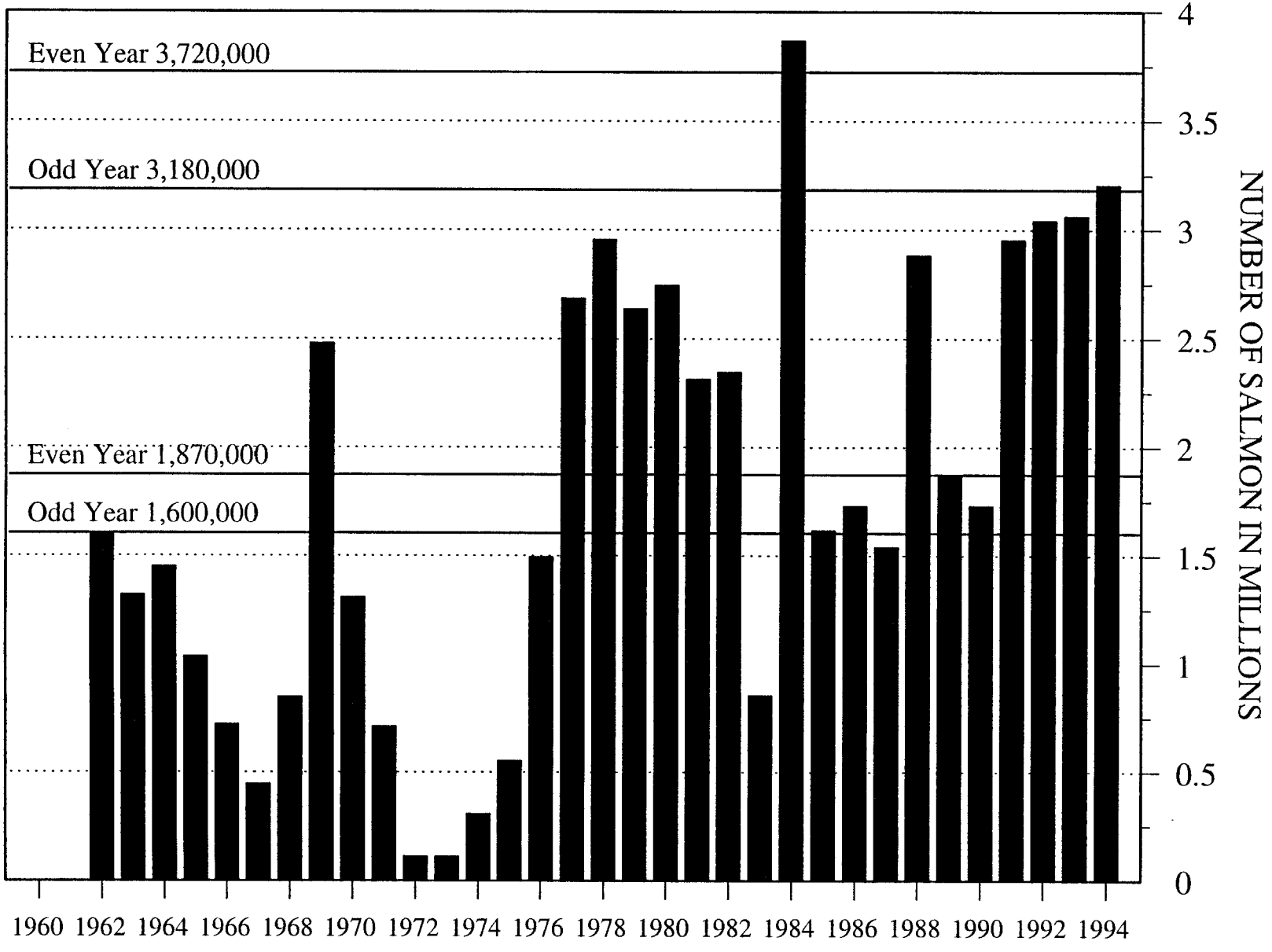

Figure 13. The Alaska Peninsula pink salmon total indexed escapement by year, with the low (odd year: 1,600,000 and even year: 1,870,000) and high (odd year: 3,180,000 and even year: 3,720,000) escapement goals defined, 1962-94.

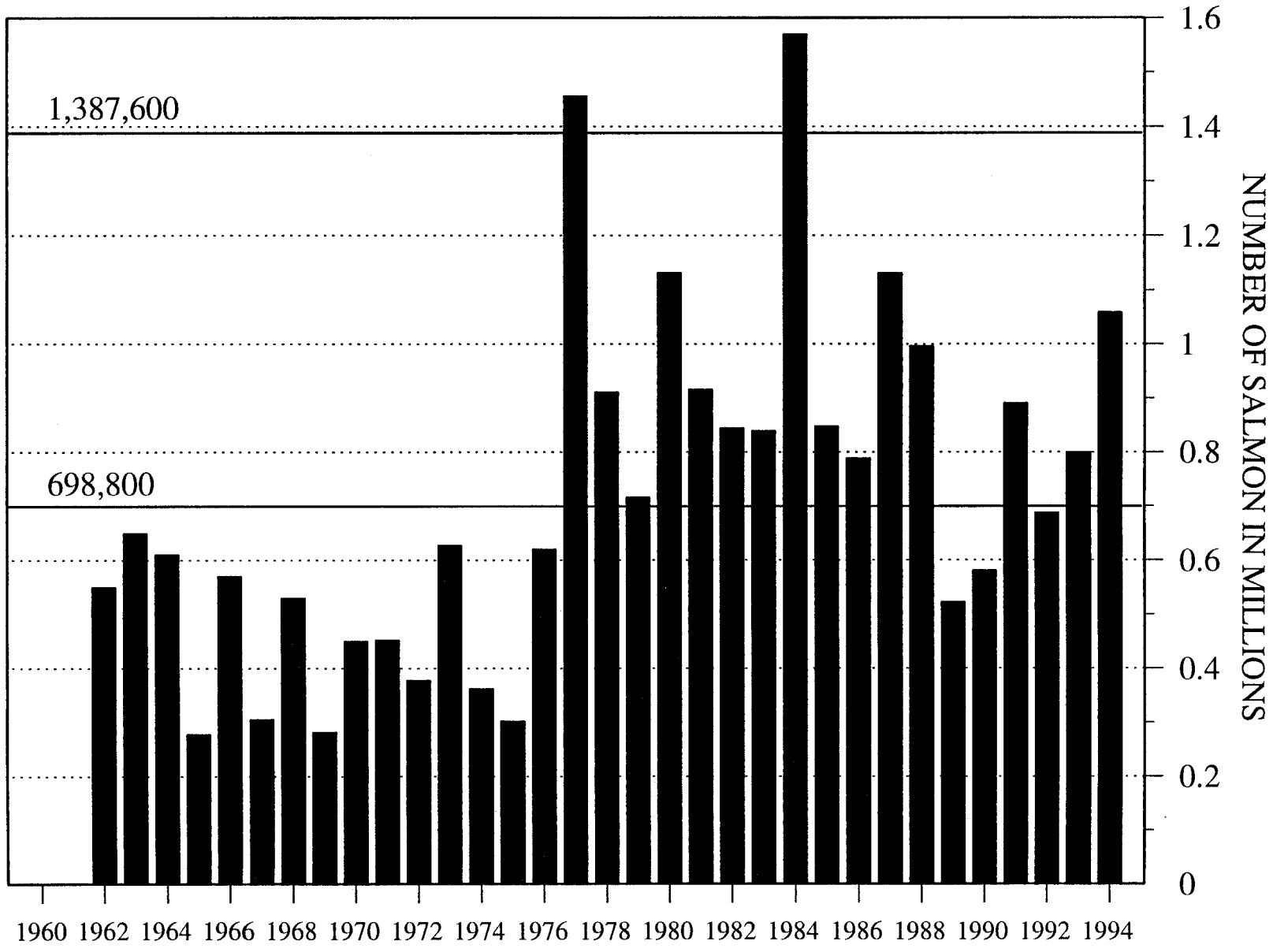

Figure 14. The Alaska Peninsula chum salmon total indexed escapement by year, with the low (698,800) and high (1,387,600) escapement goals defined, 1962-94.

APPENDIX

APPENDIX A: LISTING OF SALMON REGULATIONS, 1994.

Appendix A.1. Alaska Peninsula Management Area salmon regulations, 1994.

TITLE 5. FISH AND GAME

CHAPTER 09. ALASKA PENINSULA AREA.

ARTICLE 1. DESCRIPTION OF AREA.

5 AAC 09.001. APPLICATION OF THIS CHAPTER. Requirements set forth in this chapter apply to commercial fishing only, unless otherwise specified. Subsistence fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activiey are set forth in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

5 AAC 09.100. DESCRIPTION OF AREA. The Alaska Peninsula Area includes all waters of Alaska from Cape Menshikof to Cape Sarichef Light and from a line extending from Scotch Cap through the easternmost tip of Ugamak Island to a line extending 135° southeast from Kupreanof Point.

ARTICLE 2. FISHING DISTRICTS AND SECTIONS.

5 AAC 09.200. FISHING DISTRICTS AND SECTIONS. (a) The Northern District includes all waters on the north (Bering Sea) side of the Alaska Peninsula between the westernmost tip of Cape Menshikof and the southernmost tip of Moffet Point:

(1) Cinder River Section: all waters of the Northern District east of 158° 20' W. long.;

(2) Port Heiden Sections:

(A) Outer Port Heiden Section: all waters of the Northern District located between 158° 20' W. long. and the longitude of Strogonof Point (158° 51' W. long.), exclusive of the Inner Port Heiden Section;

(B) Inner Port Heiden Section: all waters of Port Heiden Bay south and east of a line from Strogonof Point at 56° 53' 16" N. lat., 158° 50' 36" W. long. to the mainland shore of the northeast entrance to the bay at 56° 56' 31" N. lat., 158° 40' 44" W. long.;

(3) Ilnik Section: all waters between the longitude of Strogonof Point (158° 51' W. long.) and the longitude of Three Hills (159° 50' W.long.);

-Continued-

(4) Three Hills Section: all waters between the longitude of Three Hills (159° 50' W. long.) and the longitude of Cape Seniavin Light (160° 09' W. long.);

(5) Bear River Section: all waters between the longitude of Cape Seniavin Light (160° 09' W. long.) and the longitude of Wolf Point (160° 48' 30" W. long.), excluding the waters of the Herendeen-Moller Bay Section;

(6) Herendeen-Moller Bay Section: all waters south of a line extending from Entrance Point to Wolf Point to Point Edward on Cape Rozhnof;

(7) Nelson Lagoon Section: all waters of Nelson Lagoon inside the bars and inside a line extending from Lagoon Point to Wolf Point to Point Edward on Cape Rozhnof;

(8) Caribou Flats Section: all waters between Wolf Point and a point at 55° 53' 40" N. lat., 161° 49' W. long., approximately 22 nautical miles west of Nelson Lagoon Village and exclusive of the waters comprising the Nelson Lagoon Section;

(9) Black Hills Section: all waters between 55° 53' 40" N. lat., 161° 49' W. long., and Moffet Point.

(b) The Northwestern District: all waters on the north (Bering Sea) side of the Alaska Peninsula between Moffet Point and Cape Sarichef Light on Unimak Island, including Bechevin Bay and the waters of Isanotski Strait north of a line from the False Pass cannery dock to Nichols Point;

(1) Izembek-Moffet Bay Section: all waters between Moffet Point and Cape Glazenap;

(2) Bechevin Bay Section: all waters between Cape Glazenap and Chunak Point, including Bechevin Bay and the waters of Isanotski Strait north of a line from the False Pass cannery dock to Nichols Point;

(3) Swanson Lagoon Section: all waters on the north side of Unimak Island between the easternmost edge of Chunak Point (55° 02' N. lat., 163° 27' W. long.) and east of the longitude of Otter Point (163° 47' W. long.), excluding the waters of the Bechevin Bay Section;

(4) Urilia Bay Section: all waters on the north side of Unimak Island west of the longitude of Otter Point (163° 47' W. long.) and east of the northernmost tip of Cape Mordvinof (54° 56' N. lat., 164° 25' 45" W. long.), including Peterson and Christianson Lagoons;

-Continued-

(5) Dublin Bay Section: all waters on the northwest side of Unimak Island west of the northernmost tip of Cape Mordvinof and east of Cape Sarichef Light (54° 35' 50" N. lat., 164° 55' 30" W. long.).

(c) Unimak District: all waters on the south side of Unimak Island between a line extending from Scotch Cap (54° 24' N. lat., 164° 47' 36" W. long.) through the easternmost tip of Ugamak Island (54° 12' 42" N. lat., 164° 45' 48" W. long.), and a line extending 115 from Cape Pankof Light (54° 39' 36" N. lat., 163° 03' 36" W. long.), including the Sanak Islands;

(1) Cape Lutke Section: all waters of the Unimak District east of a line extending from Scotch Cap (54° 24' N. lat., 164° 47' 36" W. long.)through the easternmost tip of Ugamak Island (54° 12' 42" N. lat., 164° 45' 48" W. long.), and west of the longitude of Rock Island (163° 37' 18" W. long.);

(2) Otter Cove Section: all waters of the Unimak District east of the longitude of Rock Island (163° 37' 18" W. long.) and north of 54° 30' N. lat.;

(3) Sanak Island Section: all waters of the Unimak District east of the longitude of Rock Island (163° 37' 18" W. long.) and south of 54° 30' N. lat.

(d) Southwestern District: all waters on the south side of the Alaska Peninsula north and east of a line extending 115 from Pankof Light (54° 39' 36" N. lat., 163° 03' 36" W. long.) and west of a line extending 106 from Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.) to the western boundary of the Southeastern District (longitude of McGinty Point: 160° 59' W. long.), including Inner Iliasik, Outer Iliasik, Goloi, Dolgoi, Poperechoi, and Deer Islands, all waters of Ikatan Bay, and all waters of Isanotski Strait south of a line from the False Pass cannery dock (54° 51' 30" N. lat., 163° 24' 30" W. long.) to Nichols Point (54° 51' 30" N. lat., 163° 23' 10" W. long.);

(1) Ikatan Bay Section: all waters of the Southwestern District located south and west of a line from Kenmore Head (54° 57' N. lat., 163° 01' 40" W. long.) to Hague Rock (54° 33' 10" N. lat., 162° 24' W. long.), and west of a line extending true south from Hague Rock;

(2) Morzhovoi Bay Section: all waters of Morzhovoi Bay north of a line from Kenmore Head to Cape Tachilni (54° 56' N. lat., 162° 52' 30" W. long.);

-Continued-

(3) Thin Point Section: all waters of the Southwestern District east of Kenmore Head (54° 57' N. lat., 163° 01' 40" W. long.) and west of Thin Point (54° 57' 30" N. lat., 162° 33' 30" W. long.), excluding waters of the Ikatan, Morzhovoi, and Cold Bay Sections;

(4) Cold Bay Section: all waters north of a line from Thin Point to Vodapoini Point;

(5) Deer Island Section: all waters within one nautical mile of Deer Island;

(6) Belkofski Bay Section: all waters between Vodapoini Point and Moss Cape, including Inner and Outer Iliasik Islands but excluding the waters of the Deer Island Section;

(7) Volcano Bay Section: all waters between Moss Cape and Arch Point including Goloi, Dolgoi and Poperechnoi Islands;

(8) General Section: all other waters of the Southwestern District.

(e) South Central District: all waters on the south side of the Alaska Peninsula north and east of a line extending 106 from Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.), and west of a line extending south from McGinty Point (55° 27' 30" N. lat., 160° 59' W. long.), including Ukolnoi and Wosnesenski Islands;

(1) Pavlof Bay Section: all waters of Pavlof Bay, excluding the Canoe Bay Section, and all other waters of the district west of the longitude of Cape Tolstoi (161° 30' W. long.);

(2) Canoe Bay Section: all waters of Canoe Bay enclosed by a line from a point at 55° 35' 37" N. lat., 161° 21' 33" W. long. to a point at 55° 35' 41" N. lat., 161° 21' 40" W. long.;

(3) Mino Creek-Little Coal Bay Section: all waters of the district, excluding those of the Pavlof Bay and Canoe Bay Sections, between the longitude of McGinty Point (160° 59' W. long.) and the longitude of Cape Tolstoi (161° 30' W. long.);

(4) repealed 6/2/88.

(f) Southeastern District: all waters on the south side of the Alaska Peninsula east of a line extending south from McGinty Point (55° 27' 30" N. lat., 160° 59' W. long.), and west of a line extending 135 from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.), including all of the Shumagin Islands;

-Continued-

(1) Beaver Bay Section: all waters of the Southeastern District east of the longitude of McGinty Point (160° 59' W. long.), west of 160° 49' W. long., and north of 55° 26' N. lat.;

(2) Balboa Bay Section: all waters of the Southeastern District east of 160° 39' W. long., north of 55° 26' N. lat., and west of the longitude of Swedania Point (160° 31' 30" W. long.);

(3) Shumagin Islands Section: all waters of the Southeastern District east of the longitude of McGinty Point (160° 59' W. long.), west of a line extending 135 from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.), south of a line from 55° 26' N. lat., 160° 31' 30" W. long., to 55° 32' 12" N. lat., 160° 02' 36" W. long. (approximately 1 nautical mile north of Karpa Island), and east to the Alaska Peninsula Area boundary (a line extending 135 from Kupreanof Point), excluding the Beaver Bay, Balboa Bay, and Southwest Stepovak Sections;

(4) Southwest Stepovak Section: all waters of the Southeastern District south of the latitude of 55° 37' 20" N. lat., west of 159° 52' W. long., north of the Shumagin Islands Section, and east of the Balboa Bay Section;

(5) Northwest Stepovak Section: all waters of the Southeastern District north of 55° 37' 20" N. lat. and west of the longitude of Dent Point (159° 52' W. long.);

(6) Stepovak Flats Section: all waters of the Southeastern District north of 55° 48' 18" N. lat. and east of the longitude of Dent Point 159° 52' W. long.);

(7) East Stepovak Section: all waters of the Southeastern District south of 55° 48' 18" N. lat., east of the longitude of Dent Point (159° 52' W. long.), north of 55° 32' 12" N. lat., and west of a line extending 135 from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.).

ARTICLE 3. SALMON FISHERY.

5 AAC 09.301. SEAWARD BOUNDARY OF DISTRICTS. For the purpose of managing the historical salmon net fishery in the vicinity of False Pass and Unimak Bight, the outer boundary of the Southwestern and Unimak Districts is a line drawn three miles seaward from a line commencing at 54° 26' 45" N. lat., 162° 53' W. long., near the western end of Sanak Island to Cape Lutke on Unimak Island. The seaward boundary of all other districts is a line three miles seaward of the baseline described in 5 AAC 39.975(13).

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5 AAC 09.310. FISHING SEASONS. (a) In the Northern District, salmon may be taken as follows:

(1) Cinder River Section

(A) from May 1 through September 30 within the lagoon into which the Cinder River drains (locally known as False Ugashik or Shagong);

(B) from August 1 through September 30 throughout this section;

(2) Port Heiden Sections:

(A) Inner Port Heiden Section: from May 1 through September 30;

(B) Outer Port Heiden Section: no open season;

(3) Ilnik Section

(A) from May 1 through September 30 within Ilnik Lagoon and all waters inside the Seal Islands;

(B) from July 5 through July 15 in all waters west of Unangashak Bluffs at Loran line 990-Y-33265 and the longitude of Three Hills (159° 50' W. long.);

(C) from July 15 through September 30 throughout the remainder of the section;

(4) Three Hills Section: from June 25 through September 30;

(5) Bear River Section: from May 1 through September 30;

(6) Herendeen-Moller Bay Section: from May 1 through July 20 with the exception that within the bight enclosed by a line from Entrance Point to Harbor Point salmon may be taken from May 1 through September 30;

(7) Nelson Lagoon Section: from May 1 through September 30;

(8) Caribou Flats Section: no open season;

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(9) Black Hills Section: from May 1 through September 30.

(b) In the Northwestern District, salmon may be taken only from June 1 through August 10, except that

(1) in the Dublin Bay Section, salmon may be taken only from July 10 through August 10;

(2) in the Bechevin Bay Section, salmon may be taken only from June 1 through September 30;

(3) after September 1, the salmon fishing season will be opened by emergency order.

(c) In the Unimak District, salmon may be taken from June 1 through September 30.

(d) In the Southwestern District, salmon may be taken only from June 1 through September 30.

(e) In the South Central District, salmon may be taken only from June 1 through September 30.
(f) In the Southeastern District, salmon may be taken only from June 1 through September 30.

5 AAC 09.320. FISHING PERIODS. (a) In the Northern District, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Thursday, except as follows:

(1) in the Black Hills Section, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Friday;

(2) in the Nelson Lagoon Section, salmon may be taken

(A) during the period May 1 through June 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

(B) during the period June 16 through August 15, from 6:00 a.m. Monday until 12:00 midnight Thursday;

(C) after August 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

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(3) in the Cinder River, Inner Port Heiden, and Ilnik Sections, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday;

(4) before July 1, in the Three Hills and Bear River Sections, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday.

(b) Salmon may be taken only during the open season in the Northwestern District in the

(1) Izembek-Moffet Bay Section; from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(2) Bechevin Bay Section: only during fishing periods established by emergency order;

(3) Urilia Bay Section: from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(4) Dublin Bay Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(5) Swanson Lagoon Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday.

(c) Salmon may be taken during the open season in the Unimak District during fishing periods established by emergency order.

(d) Salmon may be taken only during the open season in the Southwestern District only during fishing periods established by emergency order.

(e) Salmon may be taken only during the open season in the South Central District only during fishing periods established by emergency order.

(1), (2) repealed 6/2/88;

(3) repealed 4/13/80.

(f) Salmon may be taken only during the open season in the Southeastern District only during fishing periods established by emergency order.

(1) repealed 6/2/88;

(2) repealed 4/13/80;

(3) repealed 6/2/88.

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5 AAC 09.330. GEAR. (a) In the Northern District salmon may be taken

(1) in the Cinder River Section: with drift gillnets or set gillnets only;

(2) in the Inner Port Heiden Section: with drift gillnets or set gillnets only;

(3) in the Ilnik Section: with drift gillnets or set gillnets only;

(4) in the Three Hills Section: with drift gillnets only;

(5) in the Bear River Section: with drift gillnets, purse seines and hand purse seines;

(6) in the Herendeen-Moller Bay Section: with drift gillnets, set gillnets, purse seines and hand purse seines;

(7) in the Nelson Lagoon Section: with drift gillnets or set gillnets;

(8) repealed 5/28/92;

(9) in the Black Hills Section: with drift gillnets or set gillnets only.

(b) In the Northwestern District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines.

(c) In the Unimak District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines. Salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

(d) In the Southwestern District salmon may be taken with purse seines, hand purse seines and set gillnets except that

(1) salmon may also be taken with drift gillnets west of a line from Kenmore Head to Hague Rocks to the easternmost tip of the Sanak Islands;

(2) repealed 3/19/78;

(3) salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

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(e) In the South Central District salmon may be taken with set gillnets, purse seines and hand purse seines, except that

(1) repealed 3/19/78;

(2) within Canoe Bay, salmon may be taken only with purse seines and hand purse seines;

(3) repealed 6/2/88;

(4) salmon may be taken by set gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

(f) In the Southeastern District salmon may be taken only with set gillnets, purse seines and hand purse seines except that

(1) salmon may be taken only with purse seines and hand purse seines in the area between Popof Head and Dark Cliffs (Popof Island) from June 1 through August 31; however, salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to the presence of immature salmon;

(2) repealed 3/19/78;

(3) salmon may be taken only with set gillnets from June 1 through July 10 in the Beaver Bay, Balboa Bay, Southwest Stepovak, Northwest Stepovak, Stepovak Flats, and East Stepovak Sections;

(4) salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to presence of immature salmon.

5 AAC 09.331. GILLNET SPECIFICATIONS AND OPERATIONS. (a) The size and operation of drift gillnets is as follows:

(1) the aggregate length of drift gillnets on a salmon fishing boat or in use by such boat shall be no more than 200 fathoms in length;

(2) the mesh size of drift gillnets may not be less than five and one-quarter inches, except that in the Bear River Section of the Northern District there is no minimum mesh size after July 20;

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(3) in the Northwestern, Unimak, and Southwestern Districts, no drift gillnet may exceed 90 meshes in depth;

(4) in the Northern District, a drift gillnet may not exceed 70 meshes in depth, except that in the Nelson Lagoon Section a drift gillnet may not exceed 29 meshes in depth before August 16 and 38 meshes in depth from August 16 through September 30; a drift gillnet may have only one leadline, which may not exceed 60 fathoms per 50 fathoms of corkline, and no portion of the leadline may exceed 1.5 pounds per fathom.

(b) The size and operation of set gillnets is as follows:

(1) a set gillnet may be no more than 100 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 200 fathoms; no more than two gillnet sites may be operated by a CFEC permit holder except that in the

(A) Inner Port Heiden Section a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 100 fathoms; and no more than two gillnet sites may be operated by a CFEC permit holder;

(B) Ilnik Lagoon (portion of the Ilnik Section) a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 150 fathoms; and no more than three gillnet sites may be operated by a CFEC permit holder;

(C) in the Northwestern, Unimak, Southwestern, Southcentral, and Southeastern Districts, a set gillnet may not exceed 90 meshes in depth;

(2) set gillnets shall be operated in substantially a straight line; no more than 30 fathoms of each set gillnet may be used as a single hook;

(3) the mesh size of a set gillnet may not be less than five and one-quarter inches;

(4) in the Northern District, the maximum depth of a set gillnet may not exceed 70 meshes in depth; except that in the Nelson Lagoon Section, a set gillnet may not exceed 29 meshes in depth;

(5) in the Unimak, Southwestern, South Central, and Southeastern Districts, 10 fathoms of seine webbing may be used on the shoreward end of a set gillnet; the shoreward end of the seine webbing must be attached to the beach above low tide;

-Continued-

(6) during hours of darkness, each set gillnet must be marked with at least one red light on the seaward end of the net, and at least one red light on both ends of the net if that net is more than 300 feet from shore.

(7) in Swanson Lagoon, within the Swanson Lagoon Section of the Northwestern District, a person may not place a set gillnet in the water if that placement would result in more than 50 percent of the channel east of 163° 38' 42" W. long. being blocked to the movement of boat traffic at any stage of the tide;

(8) in the Cinder River and Ilnik Sections of the Northern District, a person may not place the seaward end of a set gillnet further than one-half mile from the terrestrial vegetation line of the beach, except that in the Seal Islands a person may not place the seaward end of a set gillnet within one-half mile of the mean high water mark.

5 AAC 09.332. SEINE SPECIFICATIONS AND OPERATIONS. (a) Purse seines or hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length. A purse seine or hand purse seine may not exceed 375 meshes in depth. Seine mesh may not be more than 3 1/2 inches, except that the first 25 meshes above the leadline may not be more than 7 inches.

(b) Leads may not be less than 50 fathoms nor more than 150 fathoms in length. Only one lead may be used with a seine. A lead may be attached to only one end of a seine, and the lead may not be attached to the boat end of the seine.

5 AAC 09.334. IDENTIFICATION OF GEAR. (a) Each drift gillnet in operation must have at each end a bright red keg, buoy, or cluster of floats plainly and legibly marked with the permanent vessel license plate (ADF&G) number of the vessel operating the gear, as well as the initials of the operator.

(b) Each set gillnet in operation must be identified as required by 5 AAC 39.280.

5 AAC 09.335. MINIMUM DISTANCE BETWEEN UNITS OF GEAR. No part of a set gillnet may be set or operated within 900 feet of any part of another set gillnet, except that in the

(1) Inner Port Heiden Section no part of a set gillnet may be set or operated within 600 feet of any part of another set gillnet;

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(2) Nelson Lagoon Section no part of a set gillnet may be set or operated within 1,800 feet of any part of another operating set gillnet.

5 AAC 09.350. CLOSED WATERS. Salmon may not be taken in the following locations:

(1) Meshik River: all waters upstream of a line crossing the river from a point at 56° 47' 04" N. lat., 158° 41' 06" W. long., to 56° 47' 58" N. lat., 158° 38' 45" W. long.; this is approximately one-half nautical mile upstream from the mean high tide mouth and approximately at the lower line of permanent grass growth;

(2) Sandy River

(A) May 1 through July 26: within 2,000 yards of the terminus of the river;

(B) July 27 through September 30; within 500 yards of the terminus of the river;

(3) Bear River

(A) May 1 through August 8: within 1,000 yards of the terminus of the river;

(B) August 9 through September 30: within 500 yards of the terminus of the river;

(4) Frank's Lagoon: all waters of the lagoon and within 500 yards outside the entrance;

(5) Bechevin Bay

(A) Saint Catherine Cove (Mike's Creek): all waters within 1,000 yards of the stream located at 55° 00' 48" N. lat., 163° 31' 33" W. long.;

(B) Trader's Cove: all waters north and east of a line from Morzhovoi Village (54° 54' 45" N. lat., 163° 18' 15" W. long.) to the base of Trader Mountain (55° 00' 05" N. lat., 163° 18' 22" W. long.);

(C) Warmsprings Bay: all waters southeast of a line from a point on the south shore of the bay at 54° 56' 28" N. lat., 163° 15' 45" W. long., to a point on the north shore of the bay at 54° 57' 16" N. lat., 163° 15' 33" W. long.;

-Continued-

(6) Christianson's Lagoon: all waters of the lagoon and its exit channel upstream from a point located 500 yards above the exit channel terminus at the ocean shoreline;

(7) Ikatan Bay: all waters within 1,000 yards of the stream at 54° 45' 15" N. lat., 163° 15' 15" W. long. on the north shore of the Ikatan Peninsula which exits from Swede's Lake;

(8) Morzhovoi Bay

(A) Middle Lagoon: all waters of the lagoon and within 1,000 yards of its entrance;

(B) Littlejohn Lagoon: all waters of the lagoon and within 500 yards of its entrance at the narrows;

(9) Thin Point Cove and Lagoon: all waters north and west of a line from the tip of Thin Point westward to a point on the shore at 54° 57' 30" N. lat., 162° 43' 15" W. long.;

(10) Cold Bay

(A) Old Man Lagoon, Mortensen Lagoon and Nurse Lagoon: all waters of the lagoons and within 500 yards outside their entrances;

(B) Lenard Harbor: all waters east of a line from a point on the south shore at 55° 06' N. lat., 162° 23' W. long., to a point on the north shore at 55° 07' N. lat., 162° 23' W. long., and within 1,000 yards of any salmon stream;

(C) Kinzarof Lagoon area: all waters north of a line from 55° 13' 25" N. lat., 162° 43' 25" W. long., to 55° 16' 10" N. lat., 162° 34' 25" W. long.;

(11) Deer Island

(A) all waters within 200 yards of the stream located at 54° 55' 41" N. lat., 162° 14' 12" W. long. and locally known as Eastern Creek;

(B) all waters within 200 yards of the stream located at 54° 51' 44" N. lat., 162° 22' 07" W. long. and locally known as Southern Creek;

(12) Belkofski Bay: all waters north and east of a line from 55° 09' 22" N. lat., 162° 08' 12" W. long., to 55° 08' 08" N. lat., 162° 07' 03" W. long., then to 55° 07' 20" N. lat., 126° 07' 39" W. long.;

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(13) Volcano and Bear Bay

(A) all waters north of a line from 55° 13' 24" N. lat., 162° 01' 24" W. long., to 55° 13' 51" N. lat., 161° 58' W. long.;

(B) all waters of Bear Bay west of 162 W. long. and locally known as Little Bear Bay;

(14) Long John Lagoon: all waters of the lagoon and within 500 yards outside its entrance;

(15) Pavlof Bay

(A) Chinaman Lagoon and Jackson Lagoon: all waters of the lagoons and within 1,000 yards outside their entrances;

(B) Dry Lagoon: all waters of the lagoon and within 500 yards of its entrance;

(C) Canoe Bay: all waters east of 161° 14' 12" W. long.;
(i), (ii) repealed 6/2/88;

(16) Balboa Bay

(A) all waters north of a line extending west from Reef Point;

(B) all waters of Lefthand Bay west of a line from 55° 31' 36" N. lat., 160° 42' 54" W. long., to 55° 33' 12" N. lat., 160° 42' 06" W. long.;

(17) Zachary Bay: all waters of the inner bay south and west of a line extending from the inner edge of the grass line of the sand spit to the west of the tip of the prominent point of land approximately one and one-third nautical miles inside Quartz Point;

(18) San Diego Bay: all waters of the lagoon at the head of this bay and within 500 yards outside the lagoon's entrance except that from July 19 through August 31 the closure includes all waters west of a line from the reef at 55° 33' 08" N. lat., 160° 26' 30" W. long., to the headland at 55° 34' 02" N. lat., 160° 25' 48" W. long.;

(19) Dorenoi Bay

(A) through July 25, all waters north and west of a line from the tip of Renshaw Point to the opposite shore at 55° 38' 30" N. lat., 160° 19' W. long.;

-Continued-

(B) after July 25, all waters within 500 yards of the terminus of any salmon stream;

(20) Chichagof Bay: all waters of the lagoon and within 500 yards of the lagoon entrance;

(21) Orzinski Bay (Orzenoi): within 1,000 yards of any salmon stream;

(22) Grub Gulch: all waters north and east of a line from 55° 48' 18" N. lat., 159° 56' 06" W. long., to 55° 49' 00" N. lat., 159° 58' 12" W. long.;

(23) Stepovak Bay: from June 1 through July 28, all waters within 500 yards of any salmon stream or lagoon unless otherwise specified; from July 29 through September 30, all waters north of a line extending east from Dent Point at 55° 47' 15" N. lat., 159° 52' W. long., to a point on the Kupreanof Peninsula at 55° 47' N. lat., 159° 38' 30" W. long.;

(24) Bay Point: all waters of the lagoon and within 500 yards of the lagoon entrance;

(25) Amak Island and adjacent Sea Lion Rocks: all waters within three nautical miles of these islands and elevations;

(26) repealed 4/16/83;

(27) Applegate Cove-Norma Bay: all waters south of a line from 55° 14' 08" N. lat., 162° 53' W. long., to the southwest extremity of Norma Bay at 55° 10' 50" N. lat., 163° 05' 07" W. long.; this boundary aligns with the Cold Bay VORTAL cone and the headland located approximately two nautical miles south of the radar domes near Grant Point;

(28) Ilnik Lagoon: all waters of Ilnik Lagoon and lake west of 159° 30' 12" W. long;

(29) Herendeen Bay

(A) from May 1 through July 20, all waters within 500 yards of any salmon stream unless otherwise specified;

(B) after July 20, all waters south of the latitude of Bold Bluff Point (55° 45' 15" N. lat.) and within 500 yards of all salmon streams north of 55° 45' 15" N. lat.;

(30) Nelson Lagoon: all waters of the lagoon and river (called Caribou, Nelson, and Lagoon River) flowing into the upper (west) end of Nelson Lagoon, upstream of a line from 55° 57' 20" N. lat., 161° 22' 15" W. long. to 55° 57' 45" N. lat., 161° 22' 40" W. long;

-Continued-

(31) Caribou Flats: all waters of the Caribou Flats Section;

(32) Cape Menshikof: all waters of the Cinder River Section located north of Loran C line 9990-Y-32920;

(33) King Salmon River

(A) from May 1 through July 15, all waters within 1000 yards of the stream terminus;

(B) after July 15, all waters within 500 yards of the stream terminus.

(34) Cinder River Lagoon: all waters enclosed by a line from 57° 19' 48" N. lat., 158° 08' 24" W. long. to 57° 21' 18" N. lat., 158° 02' 38" W. long.;

(35) Unangashik River: all waters east of 159° 15' 04" W. long,;

(36) Swanson Lagoon

(A) June 1 through August 31: all waters enclosed by a line from 55° 02' 12" N. lat., 163° 38' 42" W. long., to 55° 01' 58" N. lat., 163° 38' 28" W. long.;

(B) September 1 through October 31: all waters enclosed by a line from 55° 02' 12" N. lat., 163° 38' 42" W. long., to 55° 02' 07" N. lat., 163° 39' 44" W. long.;

(37) Outer Port Heiden: all waters of the Outer Port Heiden Section.

5 AAC 09.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS. The operator of a floating salmon processing vessel or tender, or of a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

5 AAC 09.360. SOUTHEASTERN DISTRICT SALMON MANAGEMENT PLAN. (a) This plan pertains to the management of the interception of Chignik River sockeye salmon caught in the

-Continued-

Southeastern District Mainland fishery: East Stepovak, Stepovak Flats, Northwest Stepovak, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections. Before July 11, only set gillnet gear may be used in these sections. For the purpose of this plan, local runs include only those salmon in the waters

(1) of Orzinski Bay north of a line from Elephant Point (55° 41' 55" N. lat., 160° 03' 12" W. long.) to Waterfall Point (55° 43' 13" N. lat., 160° 01' 05" W. long.); and

(2) in the Stepovak Flats Section as described in 5 AAC 09.200(f).

(b) In years when a harvestable surplus for the first (Black Lake) and second (Chignik Lake) runs of Chignik River system sockeye salmon is expected to be less than 600,000, no commercial salmon fishery is allowed in the East Stepovak, Northwest Stepovak (except Orzinski Bay),Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, as described in 5 AAC 09.200(f), until a harvest of 300,000 sockeye salmon is achieved in the Chignik Area, as described in 5 AAC 09.15.100. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area will be at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

(c) In years when a harvestable surplus beyond escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 but the first run fails to develop as predicted and it is determined that a total sockeye salmon harvest in the Chignik Area of 600,000 or more might not be achieved, the commercial salmon fishery in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections shall be curtailed in order to allow a harvest in the Chignik Area of at least 300,000 sockeye salmon by July 9 if that number of fish are determined to be surplus to the escapement goals of the Chignik River system. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area is at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

-Continued-

(d) In years when a harvestable surplus beyond the escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 and the department determines that the runs are as strong as expected, the department shall manage the fishery so that the number of sockeye salmon taken in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

(e) The estimate of sockeye salmon destined for the Chignik River has been determined to be 80 percent of the sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections. The remaining sockeye salmon taken in the Southeastern District Mainland fishery (Orzinski Bay) have been determined to be destined for Orzinski Bay.

(f) The total Chignik sockeye salmon catch constitutes those sockeye salmon caught within the Chignik Area, plus 80 percent of the sockeye salmon caught in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, as described in 5 AAC 09.200(f), plus 80 percent of the sockeye salmon caught in the Cape Igvak Section of the Kodiak Area. The percentage of Chignik sockeye salmon may be permitted to fluctuate above or below seven percent at any time before July 25.

(g) The allocation method described in (a) - (f) of this section is in effect through July 25. The department may not open the first fishing period of the commercial salmon fishing season in the East Stepovak, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections before the first fishing period of the commercial salmon fishing season in the Chignik Area. After July 25, the department may open, for local stocks, commercial salmon fishing in the entire Southeastern District Mainland area.

(h) During the period from approximately June 26 to July 9, the strength of the second run of the Chignik River system sockeye salmon cannot be evaluated. In order to prevent overharvest of the second run, the department may disallow or severely restrict commercial salmon fishing in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections during this period.

(i) The department shall announce all commercial salmon fishing periods by emergency order. The department shall give at least 24 hours' notice before the opening of a commercial salmon fishing period, unless it is an extension of a fishing period in progress.

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5 AAC 09.365. SOUTH UNIMAK AND SHUMAGIN ISLANDS JUNE SALMON MANAGEMENT PLAN. (a) Mixed stocks of salmon bound for distant systems have historically been intercepted in significant numbers along the Alaska Peninsula. To ensure that none of these runs are overharvested it is necessary to restrain their interception as provided for in the management plan for the South Unimak and Shumagin Islands June fisheries, set out in this section.

(b) The Alaska Board of Fisheries has established sockeye salmon guideline harvest levels on the South Unimak and Shumagin Islands interception fisheries during June, which are based on percentages of the latest projected Bristol Bay inshore sockeye salmon harvest as published by the Department of Fish and Game. The South Unimak fishery takes place in the Unimak District and the Ikatan Bay and Bechevin Bay Sections, as described in 5 AAC 09.200(b)(2), (c), and (d)(1), plus the following waters of the Southwestern District outside of the Ikatan Bay Section and not included under 5 AAC 09.350: (1) all waters north and west of a line from Cape Pankof Light to Thin Point (54° 57' 26" N. lat., 162° 33' 12" W. long.); and (2) all waters enclosed by a line from Thin Point (54° 57' 26" N. lat., 162° 33' 12" W. long.) to the northernmost tip of Stag Point (54° 10' N. lat., 161° 53' 45" W. long.) on Deer Island to the southernmost tip of Dolgoi Cape (55° 03' 45" N. lat., 161° 44' W. long.) on Dolgoi Island and from the northernmost tip of Bluff Point (55° 10' N. lat., 161° 53' 45" W. long.) on Dolgoi Island to Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.). The Shumagin Islands fishery takes place in the Shumagin Islands Section, as described in 5 AAC 09.200(f)(3). Consistent with the board's Policy For The Management of Mixed Stock Salmon Fisheries (5 AAC 39.220) and traditional harvest patterns, the maximum percentage allowed for the South Unimak fishery is 6.8 percent and for the Shumagin Islands fishery, 1.5 percent. The forecasts for Bristol Bay are sometimes updated as more information becomes available, just before the South Unimak and Shumagin Islands season, and exact numbers of fish cannot be given before the opening of each fishery.

(c) Repealed 6/1/94.

(d) The department may open the fishing season for the South Umimak and Shumagin Islands June fisheries by emergency order to allow commercial fishing when the ratio of sockeye salmon to chum salmon indicates that chum salmon harvest will be minimized. The department shall establish fishing periods by emergency order. If the department determines that, due to weather conditions, no significant fishing occurred in one or both fisheries during June and the sockeye salmon maximum percentages set in (b) of this section were not reached, the department may by emergency order provide for fishing periods in one or both fisheries after June 30.

(e) The South Unimak and Shumagin Island June salmon fisheries target on the more abundant and valuable sockeye salmon. The board recognizes that the harvest of other salmon species is

-Continued-

incidental to the sockeye salmon harvest. The board has determined that this incidental harvest is unavoidable and cannot be regulated with the present level of knowledge regarding these fisheries. The board will not support any significant increase in the interception rate of chum salmon taken in the South Unimak and Shumagin Islands June salmon fisheries. These stocks are probably fully utilized in existing terminal fisheries of long standing. This determination is consistent with the philosophy contained in the board's Policy For The Management of Mixed Stock Salmon Fisheries (5 AAC 39.220). The board recognizes that the conservation and allocation of nontargeted salmon stocks may be a concern during some years, but does not have the data to ensure specific corrective action at this time (January, 1990).

(f) The department shall close the June fisheries before the sockeye guideline harvest levels are taken if the incidental harvest of chum salmon reaches 700,000 fish. When the harvest reaches 400,000 chum salmon, the department shall take appropriate in-season management action under AS 16.05.060 to reduce the rate of the chum salmon harvest, while attempting to allow full harvest of the sockeye salmon guideline harvest level. The documented contribution of Russell Creek Hatchery chum salmon to the June fisheries shall be added to the chum salmon quota, beginning in 1993.

(1) - (4) repealed 6/2/88.

(g) In taking management action under (f) of this section to reduce the chum salmon harvest, the department may not set fishing periods for set gillnet gear of less than 16 hours unless a fishing period of 16 hours or more would result in a harvest that exceeds the 700,000 chum salmon maximum incidental annual harvest.

5 AAC 09.366. POST-JUNE SALMON MANAGEMENT PLAN FOR THE SOUTHERN ALASKA PENINSULA. (a) The department may open the following areas to salmon fishing from July 20 through September 30:

(1) the Shumagin Islands Section of the Southeastern District, excluding all waters south of a line extending from the eastern shore of Zachary Bay at 55° 22' 39" N. lat., 160° 35' 03" W. long., to a point on the western shore of Zachary Bay at 55° 22' 39" N. lat., 160° 38' 18" W. long.;

(2) the Southcentral District, excluding the Canoe Bay Section and all waters of the Pavlof Bay Section north of the latitude of Black Point (55° 24' 34" N. lat.);

-Continued-

(3) the Southwestern District, excluding the Cold Bay, Thin Point, and Morzhovoi Bay Sections, and the Unimak District.

(b) The department may open the following areas to salmon fishing from July 6 through September 30:

(1) in the Shumagin Islands Section of the Southeastern District, all waters south of a line extending from the eastern shore of Zachary Bay at 55° 22' 39" N. lat., 160° 35' 03" W. long., to a point on the western shore of Zachary Bay at 55° 22' 39" N. lat., 160° 38' 18" W. long.;

(2) in the Pavlof Bay Section of the Southcentral District, all waters north of the latitude of Black Point (55° 24' 34" N. lat.);

(3) the Canoe Bay Section of the Southcentral District;

(4) in the Southwestern District, the Cold Bay, Thin Point, and Morzhovoi Bay Section.

ARTICLE 05. SMELT FISHERY

5 AAC 09.510. FISHING SEASON. There is no closed season on smelt.

Appendix A.2. Aleutian Islands Management Area Salmon Regulations, 1994.

CHAPTER 12. ALEUTIAN ISLANDS AREA

ARTICLE 01. DESCRIPTION OF AREA

5 AAC 12.001. APPLICATION OF THIS CHAPTER. Requirements set forth in this chapter apply to commercial fishing only, unless otherwise specified. Subsistence fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set forth in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

5 AAC 12.100. DESCRIPTION OF AREA. (a) Except as provided in (b) of this section, the Aleutian Islands Area includes all waters of Alaska in the Aleutian Islands west of Cape Sarichef Light and west of a line extending from Scotch Cap through the easternmost tip of Ugamak Island.

(b) The Aleutian Islands Area does not include the Atka-Amlia Islands Area, described in 5 AAC 11.100.

(c) Subsection (b) of this section is repealed December 31, 1994.

ARTICLE 02. FISHING DISTRICTS AND SECTIONS

5 AAC 12.200. DESCRIPTION OF DISTRICTS AND SECTIONS. (a) Akutan District: all waters between Scotch Cap and Cape Sarichef Light and extending west to and including Akutan Pass. South of Scotch Cap, the eastern boundary of the district is a line extending from Scotch Cap through the easternmost tip of Ugamak Island.

(b) Unalaska District: all waters west of Akutan Pass to and including Umnak Pass

(1) Beaver Inlet Section: all waters between Cape Sedanka and Cape Kalekta and including Unalga Island;

(2) Unalaska Bay Section: all waters between Cape Kalekta and Cape Kovrizhka;

-Continued-

(3) Makushin Bay Section: all waters between Cape Kovrizhka and Spray Cape;

(4) Kashega Bay Section: all waters between Spray Cape and Konets Head;

(5) Southern Section: all waters between Konets Head and Cape Sedanka.

(c) Umnak District: all waters west of Umnak Pass to Seguam Pass at 172° 50' W. long.

(d) Adak District: all waters west of Atka Pass at 175° 23' W. long to the terminus of the Aleutian Islands.

ARTICLE 03. SALMON FISHERY

5 AAC 12.310. FISHING SEASONS. Salmon may be taken only from July 10 through September 30, except that in the Kashega Bay Section, salmon may be taken only from June 1 through September 30.

5 AAC 12.320. WEEKLY FISHING PERIODS. Salmon may be taken

(1) June 1 through July 18: from 6:00 a.m. Monday until 6:00 p.m. Friday;

(2) from July 19 through September 30 salmon may be taken during the open season only during fishing periods established by emergency order.

5 AAC 12.330. GEAR. Salmon may be taken by purse seines, hand purse seines and beach seines.

5 AAC 12.332. SEINE SPECIFICATIONS AND OPERATION. (a) Purse seines and hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length.

(b) Beach seines may not be less than 100 fathoms in length and three fathoms in depth nor more than 250 fathoms in length and 12 fathoms in depth.

(c) No lead may be less than 25 fathoms nor more than 150 fathoms in length.

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5 AAC 12.350. CLOSED WATERS. The waters of Inner Iliulik Harbor and Margrets Bay between the Unalaska-Dutch Harbor bridge and 166° 32' W. long. are closed to the taking of salmon.

5 AAC 12.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS. The operator of a floating salmon processing vessel or tender, or a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

Appendix A.3. Atka-Amlia Management Area salmon regulations, 1994.

CHAPTER 11. ATKA-AMLIA ISLANDS AREA

ARTICLE 01. DESCRIPTION OF AREA

5 AAC 11.001. APPLICATION AND INTENT OF THIS CHAPTER. (a) This chapter applies to commercial fishing only, unless otherwise specified. Subsistence fishing regulations that affect commercial fishing vessels or other commercial fishing activity are set out in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

(b) The Atka-Amlia Island salmon fishery is established as an experimental fishery to harvest local underutilized pink salmon stocks in the bays of Atka and Amlia Islands.

(c) This section is repealed December 31, 1994.

5 AAC 11.100. DESCRIPTION OF AREA. (a) The Atka-Amlia Islands Area includes all waters of Alaska between Seguam Pass (172° 50' W. long.) and Atka Pass (175° 23' W. long.).

(b) This section is repealed December 31, 1994.

ARTICLE 03. SALMON FISHERY

5 AAC 11.310. FISHING SEASONS. (a) Salmon may be taken only from August 1 through August 31.

(b) This section is repealed December 31, 1994.

5 AAC 11.320. WEEKLY FISHING PERIODS. (a) Salmon may be taken only from 6:00 a.m. to 6:00 p.m. Mondays, Wednesdays, and Fridays.

(b) This section is repealed December 31, 1994.

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5 AAC 11.330. GEAR. (a) Salmon may be taken only by purse seines and set gillnets. A purse seine may be operated only by the holder of an Area M CFEC purse seine limited entry permit.

(b) This section is repealed December 31, 1994.

5 AAC 11.331. GILLNET SPECIFICATIONS AND OPERATION. (a) The size and operation of a set gillnet are as follows:

(1) a set gillnet may not exceed 100 fathoms in length; each CFEC permit holder may operate no more than one set gillnet.

(2) a set gillnet must be operated in a substantially straight line, with no more than 25 fathoms of the offshore end set in any configuration;

(3) the mesh size of a set gillnet may not exceed five inches;

(4) the maximum depth of a set gillnet may not exceed 90 meshes;

(5) 25 fathoms of seine webbing may be used as a lead, and must be attached to the shoreward end of a set gillnet; the shoreward end of the lead or gillnet must be attached to the beach above high tide and must remain dry at all times;

(6) during hours of darkness, each set gillnet must be marked with at least one red light on the seaward end of the net.

(b) This section is repealed December 31, 1994.

5 AAC 11.332. SEINE SPECIFICATIONS AND OPERATION. (a) A purse seine must be at least 100 fathoms long, but may not exceed 250 fathoms in length.

(b) A seine lead must be at least 25 fathoms long, but may not exceed 150 fathoms in length.

(c) This section is repealed December 31, 1994.

5 AAC 11.341. VESSEL LENGTH. (a) A vessel used for setnet fishing may not exceed 29 feet in overall length.

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(b) This section is repealed December 31, 1994.

5 AAC 11.350. CLOSED WATERS. (a) The waters specified in 5 AAC 39.290 are closed to salmon fishing.

(b) This section is repealed December 31, 1994.

5 AAC 11.370. REGISTRATION. (a) Each Atka-Amlia Islands Area seine and setnet permit holder shall register himself or herself, and each vessel that the permit holder will use, by contacting a department area management biologist in Dutch Harbor, Cold Bay, Sand Point, or other place specified by the department, at least 48 hours before the season opens or before beginning commercial fishing.

(b) This section is repealed December 31, 1994.

APPENDIX B: METHOD FOR CALCULATING INDEXED TOTAL ESCAPEMENT

Appendix B.1. Method for calculating indexed total escapement.

Unusual circumstances may cause occasional deviation, but basically the methods of calculating estimated indexed total escapements without the use of a weir or tower are as follows:

Chinook, Sockeye, Coho: These species tend to have a much longer stream life than pink and chum salmon. Therefore, the estimated total escapement is usually the peak escapement count. Carcasses are included. However, it is recognized that there are problems in large systems such as Ilnik and Caribou-David's Rivers. The basic problem on large systems is the length of time, expense, and fuel needed to do a thorough survey yet meet more pressing obligations.

The Caribou and David's River complex (including Coastal and other nearby lakes) is so massive a system for the size of its runs that complete surveys will probably never be done. The timing if such surveys would have to coincide with the peak of the South Peninsula pink and chum fisheries.

In the case of Ilnik, when a weir is not in place, numerous management surveys are done while the fishery is being managed for the Ilnik stocks. However, the peak surveys occur after the fishery has tapered off and most effort must be devoted to South Peninsula runs. However, Ilnik is a very important run and more effort is being made to accurately monitor it. The Ilnik sockeye run is of longer duration than the majority of unweired (or towered) North Peninsula sockeye streams. Ilnik sockeye also seem to have a shorter stream life than those in most other shallow water systems. Consequently, Ilnik requires at least two complete surveys or at least one complete survey with fish in the lower area during subsequent surveys being added to a peak count for the system. Many of the Ilnik figures listed in this publication are minimal.

Pink and Chum Salmon: A 21-day stream life is used to calculate total pink and chum escapements. Fish in saltwater during the final survey are added:

EXAMPLE

Survey Date	Pink	Chum	Fish at Mouth	
July 10	5,000	0	5,000	P
July 17	25,000	0	10,000	P
August 1	100,000	0	10,000	P
August 15	150,000	0	12,000	P
			1,000	CH
September 1	150,000	5,000	2,000	CH
Estimated Total	255,000	7,000		

The estimate of 21 days stream life was used because significant numbers of carcasses seem to appear about three weeks after adult pinks and chums first appear in Alaska Peninsula streams. It is recognized that stream life can vary, however this method is easily duplicated and is comparable from year to year. Variation in stream life is likely a much smaller factor than variation between observers.

With the exception of several small streams, there are no problems of streams being obscured by brush or trees in the Alaska Peninsula and Aleutian Islands Areas. With several exceptions, visibility of spawning grounds is outstanding during periods of normal water flow and clear weather.

APPENDIX C: PERSONNEL LIST, 1994

Appendix C.1. Personnel list, 1994.

Employee	Title / PCN	Duties And Location
Arnie Shaul	FB III 11-1033	Alaska Peninsula (excluding Southeastern District) and Aleutian Islands Areas Salmon Management Biologist, Cold Bay.
Jim McCullough	FB III 11-1265	Southeastern District - Alaska Peninsula Area Salmon Management Biologist and Alaska Peninsula / Aleutian Islands Areas Herring Management Biologist, Sand Point.
Bob Murphy	FB III 11-1407	Alaska Peninsula Area Salmon Research and Management Biologist, Port Moller.
Bob Berceli	FB II 11-1833	Alaska Peninsula Area Assistant Salmon Management Biologist, Cold Bay.
Rod Campbell	FB II 11-1275	Alaska Peninsula Area Assistant Salmon and Herring Management Biologist, Sand Point.
Pat Holmes	FB II 11-1273	Finfish Biologist Atka, Salmon Management.
Randy Webber	Pilot I 11-1430	Pilot and Aircraft Mechanic, Chignik.
David Henley	Pilot Non-Perm	Pilot, Chignik.
Lucinda Neel	PT II 11-1059	Publication Technician, Kodiak
Sharon Theis	Clerk	Clerk Typist, Kodiak.
Tracy McKinion	FB I 11-1433	Port Moller, Salmon Research
Steve Krueger	FB I 11-1911	Sapsuk River Weir, Salmon Management.
Judy Brandt	FB I 11-1434	Sandy Lake Weir, Salmon Management.
Matt Ford	FB I 11-1411	Orzinski Lake Weir, Salmon Management.
Vince Golembowski	FB I 11-1645	Atka, Salmon Management.
Bob Sanderlin	FB I 11-1844	King Cove, Salmon Research.
Judy Hamik	FT III 11-1849	Sand Point, Salmon Management.
Brian Westgate	FT III 11-1966	Sapsuk River Weir, South Unimak Fishery Monitor, Thin Point Cove Weir, Salmon Management.
Dan Connolly	FT III 11-1416	Sapsuk River Weir, Salmon Management.
Jim Brighenti	FT III 11-1819	Middle Lagoon Weir, Salmon Management.
Justine Freeman	FT III 11-1957	Orzinski Lake Weir, Salmon Management.
Tim Clark	FT III 11-1826	Bear Lake Weir, Salmon Management.

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Employee	Title / PCN	Duties And Location
Andy DeValpine	FT III 11-1776	Ilnik River Weir, Salmon Management and King Cove, Salmon Research.
Ronald Snigaroff	FT III 11-1907	Atka, Salmon Management.
Eric Gill	FT II 11-1959	Ilnik River Weir, Salmon Management.
Meesha Mangiaracina	FT II 11-1953	Port Moller, Salmon Research.
Duane Kracke	FT II 11-1521	Sandy River Weir, Salmon Management.
Mark Witteveen	FT II 11-1611	Bear Lake Weir, Salmon Management.
Alex Rice	FT II 11-1467	Port Moller, Salmon Research.
Jeff Melman	FT II 11-1479	Canoe Bay, Salmon Management.
George Koenig	FT I 11-1952	Canoe Bay, Salmon Management.
Dylan Avery	FT I 11-1479	Middle Lagoon Weir, Salmon Management.
Eric Aulabaugh	FT I 11-1838	Thin Point Cove Weir, Salmon Management.

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Wayne Donaldson, Westward Region Finfish Supervisor	Kodiak
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Patti Nelson CFMDD	Kodiak
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CFMDD	King Salmon
CFMDD	Dillingham
CFMDD	Bethel
CFMDD	Nome
Mike Ward CFMDD	Dutch Harbor
Rance Morrison CFMDD	Dutch Harbor
Len Schwarz, Sport Fish Division	Kodiak
US Fish and Wildlife Service PO Box 127 Cold Bay, AK 99571	
US Fish and Wildlife Service, Adak PSC 486, Box 5251 FPO AP 96506-5251	
Concerned Area M Fishermen 2771 Deer Creek Drive Bozeman, MT 59715	
Crusader Fisheries A Division of Norquest 4259 22nd Ave. West Seattle, WA 98199	

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Person/Organization	Location

Chris Armen
Trident Seafoods, Inc.
P.O. Box 229
Sand Point, Ak. 99661

Clyde Sterling, Gary Johnson, Dale Schwarzmiller
Peter Pan Seafoods, Inc.
2200 Sixth Ave. Suite 1000
Seattle, WA 98121-1820

Dave McIntire
Icicle Seafoods
4019 21st Ave. West
Seattle, WA 98199

Denby Lloyd
Aleutians East Borough
1600 A Street Suite 103
Anchorage, AK 99501

Peninsula Marketing Association
PO Box 248
Sand Point, AK 99661

Mike Stanley
Concerned Area M Fishermen
P.O. Box 20449
Juneau, Ak 99801

Beth Stewart
P.O. Box 33796
Juneau, Ak 99803

Dean Paddock
P.O. Box 21951
Juneau, Ak 99802

Stepovak-Shumagin Set Net Association
Mark Wagner
Box 10835
Bainbridge Island, WA 98110

Lance Nelson
Attorney Generals Office
1031 West 4th Avenue Suite 200
Anchorage, AK 99501

Dr. Don Rogers
Fisheries Research Institute
School of Fisheries WH-10
University of Washington
Seattle, WA 98195

-Continued-

Person/Organization	Location
E.F. Melvin Washington Sea Grant Marine Advisory Program 19 Harbor Mall Bellingham, WA 98225	
David Osterback Sand Point Advisory Committee PO Box 144 Sand Point, AK 99661	
Grant Newton King Cove Advisory Committee PO Box 51 King Cove, Ak 99612	
Paul Gundersen, Jr. Nelson Lagoon Advisory Committee General Delivery Nelson Lagoon, Ak 99571 via: Cold Bay, AK	
Tom Hoblet False Pass Advisory Committee General Delivery False Pass, AK 99583	
Sinclair Wilt Dutch Harbor Advisory Committee Alyeska Seafoods, Inc. PO Box 275 Unalaska, Ak 99685	
Ray Verg-In Sand Point School P.O. Box 269 Sand Point, AK 99661	
Lew Grimes False Pass School P.O. Box 30 False Pass, Ak 99583	
Chick Beckley Cold Bay School P.O. Box 128 Cold Bay, Ak 99571	
Principal King Cove School P.O. Box 6 King Cove, AK 99612	

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Person/Organization	Location
Principal Nelson Lagoon School Nelson Lagoon via: Cold Bay, AK 99571	
Atka Fishermen's Association General Delivery Atka, Ak 99547	